

A Bibliography of Font Readability

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Title word cross-reference

[LRL87].

Acuity [O'R88]. **Advances** [Pie91]. **affect** [MBHL91]. **American** [KF67]. **Analysis** [KF67]. **Angle** [MR81].

Character [AKG90, MR81]. **Clarity** [WNS87]. **Close** [MS84]. **Close-Set** [MS84]. **Comfort** [WNS87]. **Computational** [KF67]. **Congress** [Pie91]. **Content** [BLL91]. **Contrast** [LRL87].

Day [KF67]. **Depends** [MR81].

English [KF67]. **Eye** [O'R88].

Fixed [AKG90]. **Frequency** [BLL91].

impact [Pie91]. **International** [Pie91]. **IS&T** [Pie91].

Legibility [Tin63]. **Letters** [BLL91]. **Lexical** [O'R88].

Movements [O'R88].

Non [Pie91]. **Non-impact** [Pie91]. **Normal**

October [Pie91].

Pitch [AKG90]. **Portland** [Pie91]. **Present** [KF67]. **Present-Day** [KF67]. **Print** [Tin63]. **Printed** [WNS87]. **Printing** [Pie91]. **Psychophysics** [LRL87].

readability [MBHL91]. **Reading** [AKG90, BLL91, LRL87, MR81]. **Recognition** [O'R88]. **Role** [LRL87].

Saccade [MR81]. **Set** [MS84]. **Seventh** [Pie91]. **Size** [MR81]. **sizes** [MBHL91]. **small** [MBHL91]. **Spaces** [MR81]. **Spatial** [BLL91]. **Spatial-Frequency** [BLL91]. **Structure** [O'R88]. **Study** [MS84].

Technologies [Pie91]. **Text** [MS84, WNS87]. **Their** [BLL91]. **Type** [MS84]. **typeface** [MBHL91]. **typographic** [MBHL91].

Upon [MR81]. **USA** [Pie91].

V [LRL87]. **Variable** [AKG90]. **variation**

[MBHL91]. **Vision** [LRL87]. **Visual**
[MR81, O'R88].

Word [O'R88]. **Words** [BLL91].

References

- [AKG90] Ariès Arditi, Kenneth Knoblauch, and Ilana Grunwald. Reading with fixed and variable character pitch. *J. Opt. Soc. Amer.*, 7(10):2011–2015, 1990.
- [BLL91] Paul J. Beckmann, Gordon E. Legge, and Andrew Luebker. Reading: Letters, words, and their spatial-frequency content. *SID 91 Digest*, pages 106–108, 1991.
- [KF67] Henry Kučera and W. Nelson Francis. *Computational Analysis of Present-Day American English*. Brown University Press, Providence, RI, USA, 1967.
- [LRL87] Gordon E. Legge, Gary S. Rubin, and Andrew Luebker. Psychophysics of reading—V. The role of contrast in normal vision. *Vision Res.*, 27(7):1165–1177, 1987.
- [MBHL91] Robert A. Morris, Karl Berry, Kathryn A. Hargreaves, and Dimitrios Liarokapis. How typeface variation and typographic variation affect readability at small sizes. In Pietrowski [Pie91], pages 344–352.
- [MR81] Robert E. Morrison and Keith Rayner. Saccade size in reading depends upon character spaces and not visual angle. *Perception & Psychophysics*, 30(4):395–396, 1981.
- [MS84] Sandra Ernst Moriarty and Edward C. Scheiner. A study of close-set text type. *J. of Applied Psychology*, 69:700–703, 1984.
- [O'R88] J. Kevin O'Regan. Visual acuity, lexical structure and eye movements in word recognition. In *Working Models of Human Perception*. 1988.
- [Pie91] Ken Pietrowski, editor. *IS&T's Seventh International Congress on Advances in Non-impact Printing Technologies, October 6–11, Portland, OR, USA.*, volume 2, 1991.
- [Tin63] Miles A. Tinker. *Legibility of Print*. Iowa State University, Ames, IA, USA, 1963.
- [WNS87] A. J. Wilkins and M. I. Nimmo-Smith. The clarity and comfort of printed text. *Ergonomics*, 30(12):1705–1720, 1987.

Arditi:JOSAA-7-2011

Morrison:PP-30-395

Beckmann:SID91-106

Moriarty:AP-69-700

Kucera:CAE-67

ORegan:WMH-88-261

Pietrowski:NIPT91

Legge:VR-27-1165

Tinker:LP-63

Morris:NIPT91-344

Wilkins:ERG-30-1705