Converting Colors

RYB(184, 219, 225)

Have a look what the booklet for RYB(184, 219, 225) contains.

Color

RYB(184, 219, 225)

Conversions

Conversions Part 1

Format	Color
Hex	B8E1BF
RGB	184, 225, 191
RGB Percent	72%, 88%, 75%
CMY	0.2784, 0.1176, 0.2509
CMYK	0.18, 0.00, 0.15, 0.12
HSL	130°, 41%, 80%
HSV	130°, 18%, 88%
XYZ	56.0995, 67.8036, 59.4374
YIQ	208.8650, -13.5220, -19.2660

Conversions

Conversions Part 2

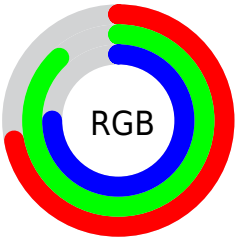
Format	Color
RYB	184, 219, 225
Decimal	12116415
CIELab	85.91, -19.84, 12.25
CIELCh	86, 23.321, 148.315
Yxy	67.8036, 0.3060, 0.3698
Android (android.graphics.Color)	4290306495 (0xFFB8E1BF)
YUV	208.8650, -8.8074, -21.8066
Hunter-Lab	82.3430, -22.4898, 14.8430

Details

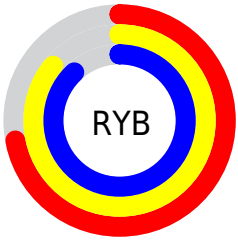
The RYB color 184, 219, 225 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 225, 184, 218, and the grayscale version is 209, 209, 209.

A 20% lighter version of the original color is 240, 250, 255, and 130, 163, 170 is the 20% darker color. If you saturate the color by 10%, you get 162, 216, 225, and if you desaturate by 10%, it is 207, 222, 225.

Distribution

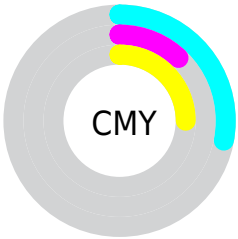


- Red (72%)
- Green (88%)
- Blue (75%)



- Red (72%)
- Yellow (86%)
- Blue (88%)

- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 219, 225 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 184, 219, 225 by changing the saturation by 10% instead.

184, 219, 225

255, 255, 255

240, 250, 255

184, 219, 225

157, 191, 197

130, 163, 170

105, 137, 143

80, 110, 117

56, 85, 92

33, 62, 69

9, 37, 46

0, 27, 27

0, 0, 0

184, 219, 225

162, 216, 225

139, 212, 225

117, 210, 225

94, 206, 225

71, 202, 225

49, 199, 225

26, 195, 225

4, 193, 225

0, 192, 225

184, 219, 225

207, 222, 225

229, 225, 228

251, 225, 247

255, 225, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

176, 220, 187

184, 219, 225

163, 199, 227

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

184, 219, 225

188, 208, 255

255, 202, 195

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

184, 219, 225

225, 184, 218

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

255, 199, 217

184, 219, 225

217, 210, 254

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

184, 219, 225

164, 199, 252

242, 203, 238

251, 223, 178

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

184, 219, 225

155, 191, 228

242, 203, 238

255, 200, 202

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

184, 219, 225

242, 253, 255

184, 225, 191

120, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

184, 219, 225

199, 247, 255

184, 209, 225

101, 110, 112

0, 150, 176

0, 41, 48

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

225, 184, 218

255, 199, 245

225, 184, 198

112, 101, 110

176, 0, 146

48, 0, 40

Previews

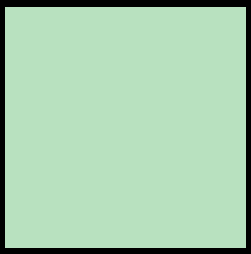
White Background

This preview shows how the RYB color 184, 219, 225 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



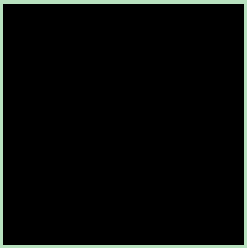
This preview shows how the RYB color 184, 219, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 184, 219, 225 Background



This preview shows how black text looks on a background with the RYB color 184, 219, 225.

This preview shows how white text looks on a background with the RYB color 184, 219, 225.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
184, 219, 225

Protanopia
200, 225, 185

Deuteranopia
242, 211, 195

Tritanopia
192, 209, 236

Trichromacy

Original Color
184, 219, 225

Protanomaly
187, 218, 195

Deuteranomaly
203, 221, 194

Tritanomaly
189, 205, 221

Monochromacy

Original Color
184, 219, 225

Achromatopsia
209, 209, 209

Achromatomaly
200, 213, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 219, 225 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(184, 225, 191) looks like.

```
.text, #text, p{
    color:rgb(184, 225, 191)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(184, 225, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 225, 191) }
```

Border

The CSS property to change the border of an element to RYB 184, 219, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 225, 191) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(184, 225, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(184, 225, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 225, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 225, 191); box-shadow:4px 4px 4px 4px rgb(184, 225, 191) }
```

Background

The CSS property to change the background color of an element to RYB 184, 219, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(184, 225, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(184,
225, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor