Converting Colors

RGB(198, 237, 232)

Have a look what the booklet for RGB(198, 237, 232) contains.

Color

RGB(198, 237, 232)

Conversions

Conversions Part 1

Format	Color
Hex	C6EDE8
RGB	198, 237, 232
RGB Percent	78%, 93%, 91%
CMY	0.2235, 0.0706, 0.0902
CMYK	0.16, 0.00, 0.02, 0.07
HSL	172°, 52%, 85%
HSV	172°, 16%, 93%
XYZ	68.1384, 78.4003, 87.8854
YIQ	224.7690, -21.6390, -9.8230

Conversions

Conversions Part 2

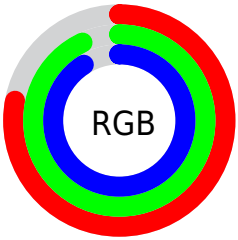
Format	Color
RYB	198, 219, 237
Decimal	13037032
CIELab	90.96, -13.55, -1.80
CIELCh	91, 13.668, 187.558
Yxy	78.4003, 0.2907, 0.3344
Android (android.graphics.Color)	4291227112 (0xFFC6EDE8)
YUV	224.7690, 3.5649, -23.4764
Hunter-Lab	88.5440, -17.5885, 3.1317

Details

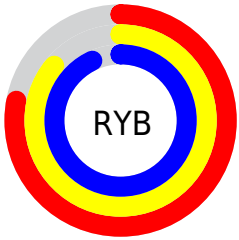
The RGB color 198, 237, 232 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 237, 198, 203, and the grayscale version is 225, 225, 225.

A 20% lighter version of the original color is 255, 255, 255, and 144, 181, 176 is the 20% darker color. If you saturate the color by 10%, you get 174, 237, 229, and if you desaturate by 10%, it is 222, 237, 235.

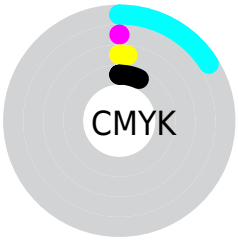
Distribution



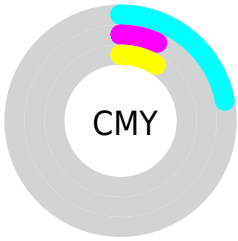
- Red (78%)
- Green (93%)
- Blue (91%)



- Red (78%)
- Yellow (86%)
- Blue (93%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (22%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 237, 232 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 RGB color 198, 237, 232 by changing the saturation by 10% instead.

198, 237, 232

255, 255, 255

198, 237, 232

170, 209, 204

144, 181, 176

118, 154, 150

92, 128, 124

68, 103, 99

44, 79, 75

21, 56, 53

0, 34, 32

0, 7, 8

198, 237, 232

174, 237, 229

151, 237, 226

127, 237, 223

103, 237, 220

80, 237, 217

56, 237, 214

32, 237, 211

8, 237, 208

0, 237, 207

198, 237, 232

222, 237, 235

245, 237, 238

255, 237, 241

255, 237, 244

255, 237, 247

255, 237, 250

255, 237, 253

255, 237, 255

Harmonies

Analogous

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

207, 236, 219

198, 237, 232

197, 236, 245

Triad

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

198, 237, 232

236, 225, 250

249, 225, 205

Complementary

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

198, 237, 232

237, 198, 203

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, 222, 214

198, 237, 232

249, 221, 239

Square

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

198, 237, 232

219, 229, 255

255, 220, 226

237, 229, 203

Rectangle

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

198, 237, 232

201, 234, 251

255, 220, 226

252, 224, 207

Sweetspot

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

198, 237, 232

242, 255, 253

203, 237, 198

120, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

198, 237, 232

204, 255, 248

198, 223, 237

106, 117, 116

0, 181, 158

0, 54, 47

Inverse Universe

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

237, 198, 203

255, 204, 211

237, 212, 198

117, 106, 107

181, 0, 23

54, 0, 7

Previews

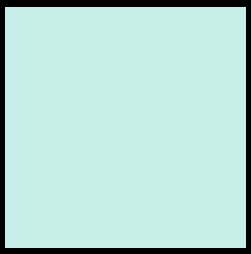
White Background

This preview shows how the RGB color 198, 237, 232 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



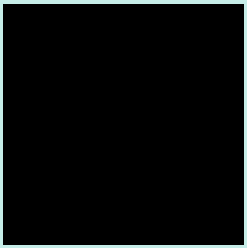
This preview shows how the RGB color 198, 237, 232 looks on a black background.

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.

RGB 198, 237, 232 Background



This preview shows how black text looks on a background with the RGB color 198, 237, 232.

This preview shows how white text looks on a background with the RGB color 198, 237, 232.

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
198, 237, 232

Protanopia
233, 227, 227

Deuteranopia
248, 222, 235

Tritanopia
202, 234, 253

Trichromacy

Original Color
198, 237, 232

Protanomaly
220, 231, 229

Deuteranomaly
230, 227, 234

Tritanomaly
201, 235, 245

Monochromacy

Original Color
198, 237, 232

Achromatopsia
225, 225, 225

Achromatomaly
215, 229, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 237, 232 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(198, 237, 232) looks like.

```
.text, #text, p{
    color:rgb(198, 237, 232)
}
```

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(198, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 237, 232) }
```

Border

The CSS property to change the border of an element to RGB 198, 237, 232 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(198, 237, 232) }
```

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

```
.border{ border-color:rgb(198, 237, 232) }
```

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

Here you see how a box with a 4 pixel rgb(198, 237, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 237, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 237, 232); box-shadow:4px 4px 4px 4px rgb(198, 237, 232) }
```

Background

The CSS property to change the background color of an element to RGB 198, 237, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(198, 237, 232) }
```

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

```
.background{ background-color:rgb(198,
237, 232) }
```

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.

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