

Converting Colors

RGB(202, 255, 253)

Have a look what the booklet for
RGB(202, 255, 253) contains.

RGB(202, 255, 253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(202, 255, 253)

Conversions

Conversions Part 1

Format	Color
Hex	CAFFFD
RGB	202, 255, 253
RGB Percent	79%, 100%, 99%
CMY	0.2078, 0.0000, 0.0078
CMYK	0.21, 0.00, 0.01, 0.00
HSL	178°, 100%, 90%
HSV	178°, 21%, 100%
XYZ	77.8467, 91.1684, 106.4228
YIQ	238.9250, -30.9460, -11.8580

Conversions

Conversions Part 2

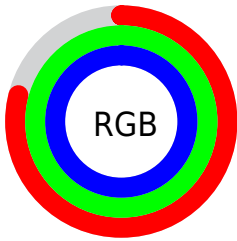
Format	Color
R _Y B	202, 229, 255
Decimal	13303805
CIE Lab	96.48, -17.01, -4.55
CIE LCh	96, 17.612, 194.980
Yxy	91.1684, 0.2826, 0.3310
Android (android.graphics.Color)	4291493885 (0xFFCAFFFD)
YUV	238.9250, 6.9390, -32.3832
Hunter-Lab	95.4821, -21.5624, 0.7539

Details

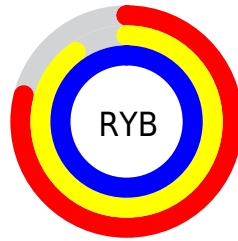
The RGB color **202, 255, 253** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 202, 204**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **147, 198, 196** is the 20% darker color. If you saturate the color by 10%, you get **177, 255, 252**, and if you desaturate by 10%, it is **227, 255, 254**.

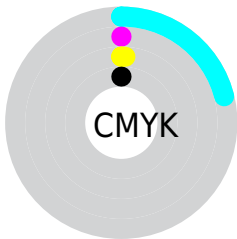
Distribution



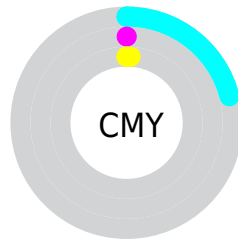
- Red (79%)
- Green (100%)
- Blue (99%)



- Red (79%)
- Yellow (90%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 255, 253 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 202, 255, 253 by changing the saturation by 10% instead.

202, 255, 253

255, 255, 255

202, 255, 253

174, 226, 224

147, 198, 196

120, 171, 169

94, 144, 143

69, 118, 117

44, 94, 93

17, 70, 69

0, 47, 47

0, 28, 26

■ 202, 255, 253

■ 202, 255, 253

■ 177, 255, 252

■ 227, 255, 254

■ 151, 255, 251

■ 253, 255, 255

■ 125, 255, 250

■ 255, 255, 255

■ 100, 255, 249

■ 75, 255, 248

■ 49, 255, 247

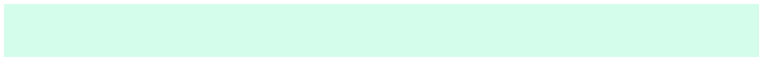
■ 24, 255, 246

■ 0, 255, 245

Harmonies

Analogous

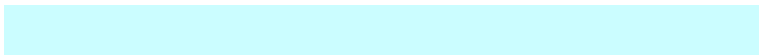
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212, 254, 235



202, 255, 253



203, 253, 255

Triad

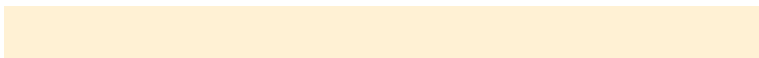
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



202, 255, 253



255, 238, 255



255, 241, 212

Complementary

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



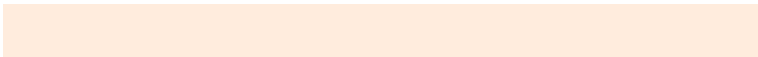
202, 255, 253



255, 202, 204

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, 236, 221



202, 255, 253



255, 234, 254

Square

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



202, 255, 253



237, 243, 255



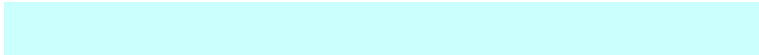
255, 233, 237



250, 246, 212

Rectangle

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



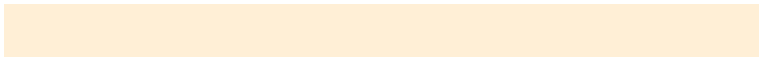
202, 255, 253



211, 251, 255



255, 233, 237



255, 239, 214

Sweetspot

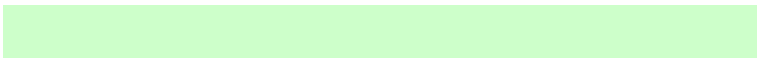
The Sweet Spot groups the original color and five complimentary colors.



202, 255, 253



240, 255, 254



205, 255, 202



119, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

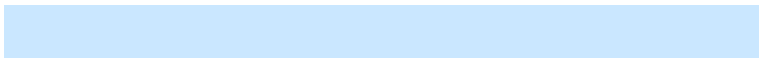
The Same Dimension uses a secret algorithm to generate beautiful new colors.



202, 255, 253



191, 255, 253



202, 231, 255



115, 128, 127



0, 191, 184



0, 64, 61

Inverse Universe

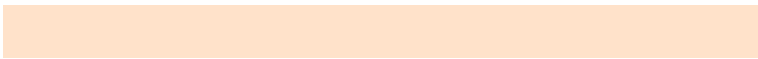
The Inverse Universe completely reimagines the original color for something new.



255, 202, 204



255, 191, 194



255, 226, 202



128, 115, 115



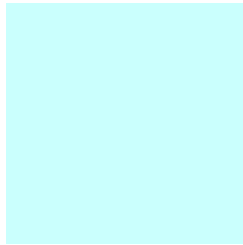
191, 0, 7



64, 0, 2

Previews

White Background



This preview shows how the RGB color 202, 255, 253 looks on a white background.

Color Contrast Check

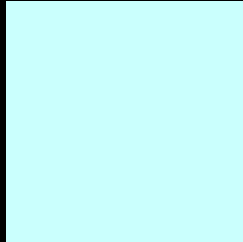
Large Text (above 18pt) WCAG AA × Fail

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 202, 255, 253 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

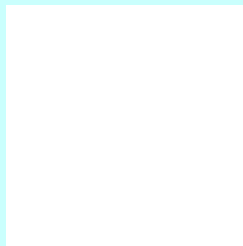
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 202, 255, 253 Background



This preview shows how black text looks on a background with the RGB color 202, 255, 253.

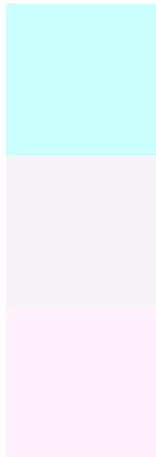


This preview shows how white text looks on a background with the RGB color 202, 255, 253.

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
202, 255, 253

Protanopia
248, 243, 246

Deuteranopia
255, 240, 252



Tritanopia

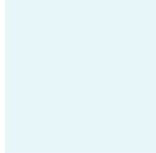
231, 247, 255

Trichromacy



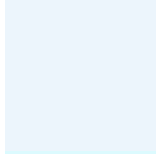
Original Color

202, 255, 253



Protanomaly

231, 247, 249



Deuteranomaly

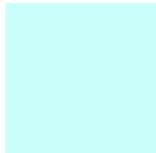
236, 245, 252



Tritanomaly

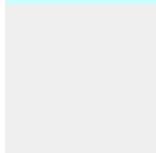
220, 250, 254

Monochromacy



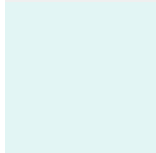
Original Color

202, 255, 253



Achromatopsia

239, 239, 239



Achromatomaly

226, 245, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 255, 253 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(202, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 253)  
}
```

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(202, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 253) }
```

Border

The CSS property to change the border of an element to RGB 202, 255, 253 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(202, 255, 253) }
```

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

```
.border{ border-color:rgb(202, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 202, 255, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 255, 253) }
```

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

```
.background{ background-color: rgb(202,  
255, 253) }
```

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