

Converting Colors

RGB(34, 197, 221)

Have a look what the booklet for
RGB(34, 197, 221) contains.

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Color

RGB(34, 197, 221)

Conversions

Conversions Part 1	
Format	Color
Hex	22C5DD
RGB	34, 197, 221
RGB Percent	13%, 77%, 87%
CMY	0.8667, 0.2275, 0.1333
CMYK	0.85, 0.11, 0.00, 0.13
HSL	188°, 73%, 50%
HSV	188°, 85%, 87%
XYZ	33.6771, 45.4930, 75.4127
YIQ	150.9990, -104.8520, -27.0920

Conversions

Conversions Part 2

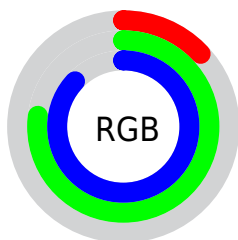
Format	Color
RYB	34, 121, 221
Decimal	2278877
CIELab	73.22, -30.74, -23.13
CIELCh	73, 38.472, 216.963
Yxy	45.4930, 0.2179, 0.2943
Android (android.graphics.Color)	4280468957 (0xFF22C5DD)
YUV	150.9990, 34.5105, -102.6081
Hunter-Lab	67.4485, -28.9098, -19.0768

Details

The RGB color **34, 197, 221** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **221, 58, 34**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **116, 254, 255**, and **0, 143, 166** is the 20% darker color. If you saturate the color by 10%, you get **12, 194, 221**, and if you desaturate by 10%, it is **56, 200, 221**.

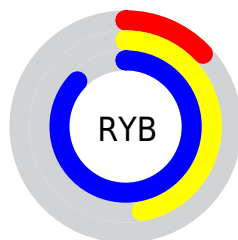
Distribution



Red (13%)

Green (77%)

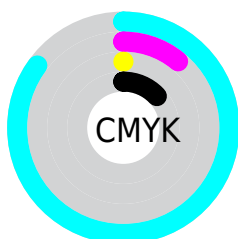
Blue (87%)



Red (13%)

Yellow (47%)

Blue (87%)

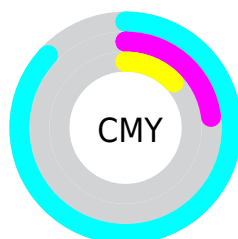


Cyan (85%)

Magenta (11%)

Yellow (0%)

Black (13%)



Cyan (87%)


















Magenta (23%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the RGB color 34, 197, 221 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 34, 197, 221 by changing the saturation by 10% instead.

 34, 197, 221	 34, 197, 221
 255, 255, 255	 0, 170, 193
 116, 254, 255	 0, 143, 166
 149, 255, 255	 0, 117, 139
 180, 255, 255	 0, 92, 114
 211, 255, 255	 0, 68, 89
 243, 255, 255	 0, 45, 66
	 0, 21, 44
	 0, 1, 23
	 0, 0, 0

 34, 197, 221

 34, 197, 221

 12, 194, 221

 56, 200, 221

 0, 193, 221

 78, 203, 221


 100, 206, 221

 122, 208, 221

 145, 211, 221

 167, 214, 221

 189, 217, 221

 211, 220, 221

 233, 223, 221

Harmonies

Analogous

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



66, 199, 187



34, 197, 221



82, 191, 244

Triad

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



34, 197, 221



231, 157, 208



195, 180, 109

Complementary

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



34, 197, 221



221, 58, 34

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.



226, 168, 116



34, 197, 221



248, 152, 173

Square

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



34, 197, 221



195, 168, 236



245, 157, 139



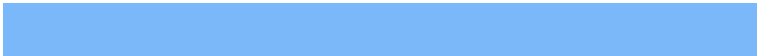
157, 190, 122

Rectangle

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



34, 197, 221



123, 184, 250



245, 157, 139



206, 176, 109

Sweetspot

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



34, 197, 221



191, 247, 255



34, 221, 56



89, 123, 128



0, 0, 0



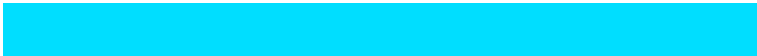
128, 128, 128

Same Dimension

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



34, 197, 221



0, 222, 255



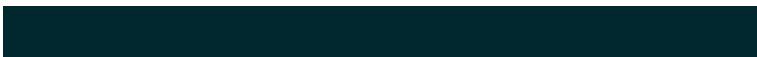
34, 106, 221



99, 108, 110



0, 151, 173



0, 40, 46

Inverse Universe

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



221, 34, 197



255, 0, 222



221, 149, 34



110, 99, 108



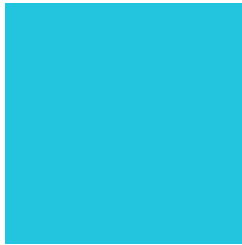
173, 0, 151



46, 0, 40

Previews

White Background



This preview shows how the RGB color 34, 197, 221 looks on a white background.

Color Contrast Check

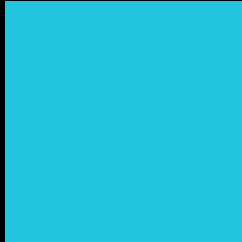
Large Text (above 18pt) WCAG AA × Fail

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 34, 197, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

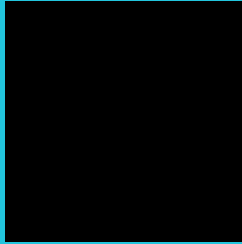
Any Text WCAG AA ✓ Pass

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 34, 197, 221 Background



This preview shows how black text looks on a background with the RGB color 34, 197, 221.



This preview shows how white text looks on a background with the RGB color 34, 197, 221.

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

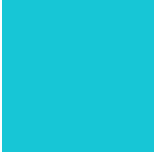
34, 197, 221

Protanopia

173, 177, 207

Deuteranopia

171, 175, 226



Tritanopia

23, 198, 214

Trichromacy



Original Color

34, 197, 221



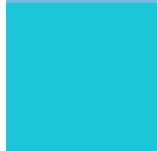
Protanomaly

122, 184, 212



Deuteranomaly

121, 183, 224



Tritanomaly

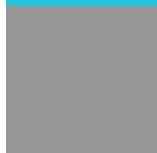
27, 198, 217

Monochromacy



Original Color

34, 197, 221



Achromatopsia

151, 151, 151



Achromatomaly

108, 168, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 34, 197, 221 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(34, 197, 221)` looks like.

```
.text, #text, p{  
    color:rgb(34, 197, 221)  
}
```

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(34, 197, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 197, 221) }
```

Border

The CSS property to change the border of an element to RGB 34, 197, 221 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(34, 197, 221) }
```

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

```
.border{ border-color:rgb(34, 197, 221) }
```

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

Here you see how a box with a 4 pixel rgb(34, 197, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 197, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 197, 221);  
box-shadow:4px 4px 4px 4px rgb(34, 197,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 34, 197, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 197, 221) }
```

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

```
.background{ background-color: rgb(34, 197,  
221) }
```

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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