

Converting Colors

CIELCh(68, 95.251, 135.076)

Have a look what the booklet for
CIELCh(68, 95.251, 135.076)
contains.

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Color

CIELCh(68, 95.288, 135.117)

Conversions

Conversions Part 1

Format	Color
Hex	20C002
RGB	32, 192, 2
RGB Percent	13%, 75%, 1%
CMY	0.8752, 0.2474, 0.9929
CMYK	0.83, 0.00, 0.99, 0.25
HSL	111°, 98%, 38%
HSV	111°, 99%, 75%
XYZ	19.4320, 37.9720, 6.3567
YIQ	122.5000, -34.3700, -93.0100

Conversions

Conversions Part 2

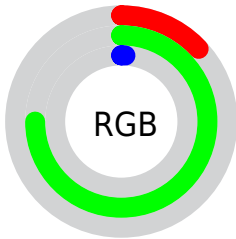
Format	Color
RYB	2, 192, 162
Decimal	2146306
CIELab	68.00, -67.52, 67.24
CIELCh	68, 95.288, 135.117
Yxy	37.9720, 0.3048, 0.5955
Android (android.graphics.Color)	4280336386 (0xFF20C002)
YUV	122.5000, -59.4065, -79.3685
Hunter-Lab	61.6215, -51.5485, 37.0189

Details

The CIELCh color **68, 95.288, 135.117** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **40, 94.332, 322.228**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **88, 95.595, 135.122**, and **49, 75.472, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **68, 95.558, 135.121**, and if you desaturate by 10%, it is **68, 91.884, 134.974**.

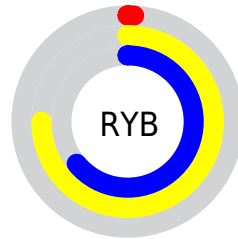
Distribution



Red (13%)

Green (75%)

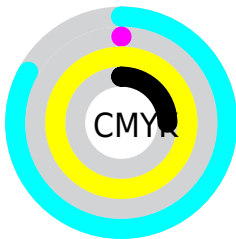
Blue (1%)



Red (1%)

Yellow (75%)

Blue (64%)

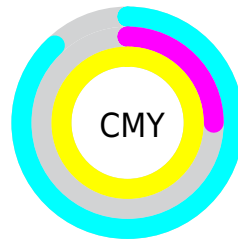


Cyan (83%)

Magenta (0%)

Yellow (99%)

Black (25%)



Cyan (88%)


Magenta (25%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 95.288, 135.117 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 CIELCh color 68, 95.288, 135.117 by changing the saturation by 10% instead.


 68, 95.288,
135.117


 68, 95.288,
135.117


 100, 95.288,
135.117


 58, 95.288,
135.117


 88, 95.288,
135.117

 48, 95.288,
135.117

 98, 95.288,
135.117

 38, 95.288,
135.117

 28, 95.288,
135.117

 18, 95.288,
135.117

 8, 95.288, 135.117

 0, 95.288, 135.117

■ 68, 95.288,
135.117

■ 68, 95.288,
135.117

■ 68, 95.558,
135.121

■ 68, 91.884,
134.974

■ 69, 86.245,
135.139

■ 69, 78.443,
135.620

■ 70, 68.968,
136.289

■ 71, 58.316,
137.032

■ 72, 46.900,
137.771

■ 73, 35.037,
138.462

■ 75, 22.967,

139.086

■ 76, 10.866,
139.643

Harmonies

Complementary

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



68, 95.288, 135.117



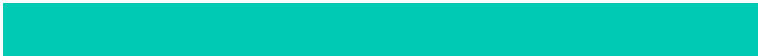
40, 94.332, 322.228

Rectangle

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



68, 95.288, 135.117



68, 95.288, 185.117



68, 95.288, 315.117



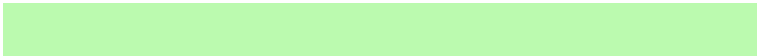
68, 95.288, 5.117

Sweetspot

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



68, 95.287, 135.118



93, 44.813, 138.367



67, 69.940, 90.790



49, 30.524, 138.077



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 95.287, 135.118



86, 116.720, 135.242



68, 83.230, 142.326



40, 6.859, 139.626



58, 83.643, 135.015



10, 23.274, 141.037

Inverse Universe

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



40, 94.332, 322.228



53, 115.359, 322.103



42, 72.949, 347.278



38, 6.890, 320.462



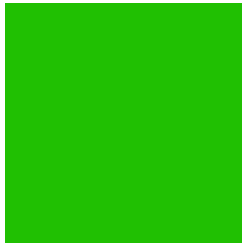
33, 82.870, 322.270



3, 22.384, 319.343

Previews

White Background



This preview shows how the CIELCh color 68, 95.288, 135.117 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 CIELCh color 68, 95.288, 135.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

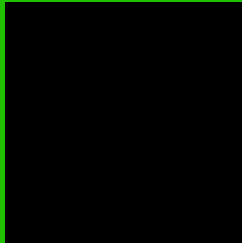
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 95.288, 135.117

Background



This preview shows how black text looks on a background with the CIELCh color 68, 95.288, 135.117.

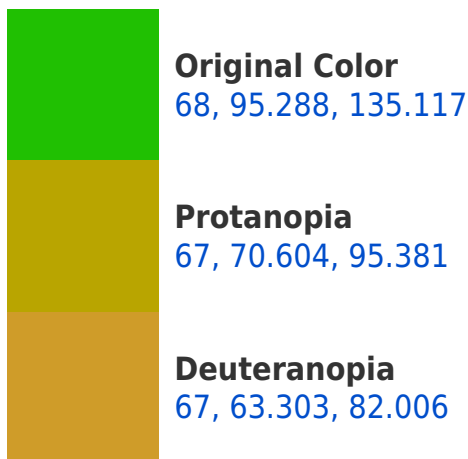


This preview shows how white text looks on a background with the CIELCh color 68, 95.288, 135.117.

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





Tritanopia
68, 28.210, 214.605

Trichromacy



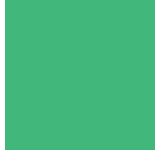
Original Color
68, 95.288, 135.117



Protanomaly
66, 76.092, 118.015



Deuteranomaly
65, 68.048, 113.014



Tritanomaly
67, 51.258, 155.691

Monochromacy



Original Color
68, 95.288, 135.117



Achromatopsia
51, 0.007, 296.813



Achromatomaly
56, 45.047, 137.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 95.288, 135.117 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(32, 192, 2)` looks like.

```
.text, #text, p{  
    color:rgb(32, 192, 2)  
}
```

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(32, 192, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 192, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 95.288, 135.117 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(32, 192, 2) }
```

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

```
.border{ border-color:rgb(32, 192, 2) }
```

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

Here you see how a box with a 4 pixel rgb(32, 192, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 192, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 192, 2);  
box-shadow:4px 4px 4px 4px rgb(32, 192, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 68, 95.288, 135.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 192, 2) }
```

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

```
.background{ background-color: rgb(32, 192,  
2) }
```

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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