

Converting Colors

CIELCh(66, 21.512, 195.346)

Have a look what the booklet for
CIELCh(66, 21.512, 195.346)
contains.

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Color

CIELCh(66, 21.221, 196.137)

Conversions

Conversions Part 1

Format	Color
Hex	6CABAA
RGB	108, 171, 170
RGB Percent	42%, 67%, 67%
CMY	0.5756, 0.3285, 0.3325
CMYK	0.37, 0.00, 0.01, 0.33
HSL	179°, 27%, 55%
HSV	179°, 37%, 67%
XYZ	28.0937, 35.3238, 43.4789
YIQ	152.0490, -37.2270, -13.6670

Conversions

Conversions Part 2

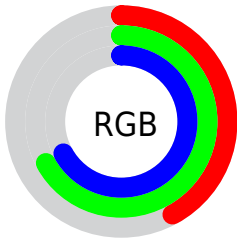
Format	Color
RYB	108, 140, 171
Decimal	7121834
CIELab	66.00, -20.38, -5.90
CIElCh	66, 21.221, 196.137
Yxy	35.3238, 0.2628, 0.3304
Android (android.graphics.Color)	4285311914 (0xFF6CABAA)
YUV	152.0490, 8.8498, -38.6310
Hunter-Lab	59.4338, -19.6343, -1.7699

Details

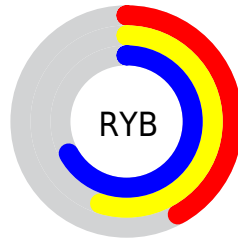
The CIELCh color **66, 21.221, 196.137** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 27.141, 21.554**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.482, 195.142**, and **46, 21.397, 195.498** is the 20% darker color. If you saturate the color by 10%, you get **65, 25.773, 195.685**, and if you desaturate by 10%, it is **67, 16.061, 196.629**.

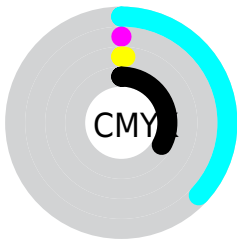
Distribution



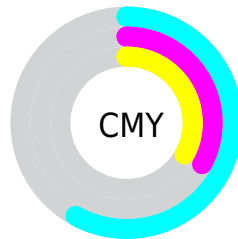
- Red (42%)
- Green (67%)
- Blue (67%)



- Red (42%)
- Yellow (55%)
- Blue (67%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)





- Cyan (58%)
- Magenta (33%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 21.221, 196.137 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 66, 21.221, 196.137 by changing the saturation by 10% instead.


 66, 21.221,
196.137


 66, 21.221,
196.137


 100, 21.221,
196.137


 56, 21.221,
196.137


 86, 21.221,
196.137

 46, 21.221,
196.137

 96, 21.221,
196.137

 36, 21.221,
196.137

 26, 21.221,
196.137

 16, 21.221,
196.137

 6, 21.221, 196.137

 0, 21.221, 196.137

66, 21.221,
196.137

66, 21.221,
196.137

65, 25.773,
195.685

67, 16.061,
196.629

65, 29.629,
195.281

68, 10.390,
197.172

64, 32.725,
194.922

69, 4.312, 197.797

64, 35.030,
194.604

71, 2.077, 18.034

72, 8.691, 18.821

64, 36.562,
194.321

74, 15.455, 19.469

63, 37.410,
194.064

75, 22.308, 20.111

77, 29.199, 20.752

63, 37.626,
193.985

78, 33.134, 21.013

Harmonies

Complementary

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



66, 21.221, 196.137



52, 27.141, 21.554

Rectangle

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



66, 21.221, 196.137



66, 21.221, 246.137



66, 21.221, 16.137



66, 21.221, 66.137

Sweetspot

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



66, 21.221, 196.134



87, 8.528, 197.504



65, 42.150, 141.397



46, 5.757, 197.423



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 21.221, 196.134



83, 30.216, 195.772



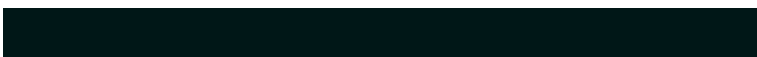
57, 20.021, 259.566



36, 3.608, 197.623



56, 34.206, 194.009



6, 7.809, 197.460

Inverse Universe

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



52, 27.141, 21.554



63, 41.085, 22.846



60, 22.425, 69.178



34, 3.817, 18.619



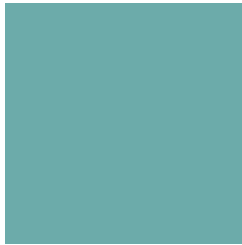
31, 69.399, 38.812



2, 7.805, 18.323

Previews

White Background



This preview shows how the CIELCh color 66, 21.221, 196.137 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 66, 21.221, 196.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

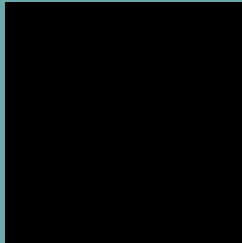
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.221, 196.137

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.221, 196.137.

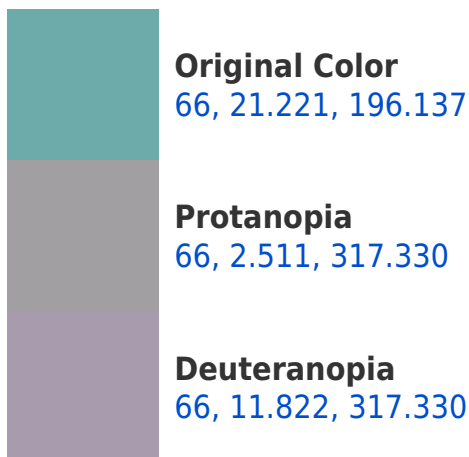


This preview shows how white text looks on a background with the CIELCh color 66, 21.221, 196.137.

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](#).

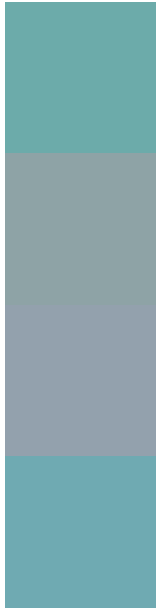
Dichromacy





Tritanopia
66, 19.871, 221.190

Trichromacy



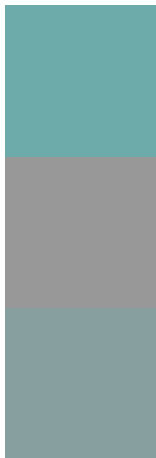
Original Color
66, 21.221, 196.137

Protanomaly
66, 7.802, 211.179

Deuteranomaly
66, 8.256, 253.126

Tritanomaly
66, 19.851, 210.880

Monochromacy



Original Color
66, 21.221, 196.137

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 8.465, 198.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.221, 196.137 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(108, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(108, 171, 170)  
}
```

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(108, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 171, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.221, 196.137 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(108, 171, 170) }
```

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

```
.border{ border-color:rgb(108, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(108, 171,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.221, 196.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 171, 170) }
```

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

```
.background{ background-color: rgb(108,  
171, 170) }
```

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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