

Converting Colors

CIELCh(66, 20.575, 209.326)

Have a look what the booklet for
CIELCh(66, 20.575, 209.326)
contains.

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Color

CIELCh(66, 20.395, 210.487)

Conversions

Conversions Part 1

Format	Color
Hex	6DAAB2
RGB	109, 170, 178
RGB Percent	43%, 67%, 70%
CMY	0.5717, 0.3324, 0.3011
CMYK	0.39, 0.04, 0.00, 0.30
HSL	187°, 31%, 56%
HSV	187°, 39%, 70%
XYZ	28.8107, 35.3238, 47.5395
YIQ	152.6730, -38.9240, -10.4440

Conversions

Conversions Part 2

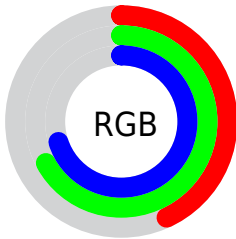
Format	Color
RYB	109, 141, 178
Decimal	7187122
CIELab	66.00, -17.58, -10.35
CIElCh	66, 20.395, 210.487
Yxy	35.3238, 0.2580, 0.3163
Android (android.graphics.Color)	4285377202 (0xFF6DAAB2)
YUV	152.6730, 12.4862, -38.3012
Hunter-Lab	59.4338, -17.4809, -5.8208

Details

The CIELCh color **66, 20.395, 210.487** is a light color, and the websafe version is hex **669999**. A complement of this color would be **55, 27.056, 31.845**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 20.447, 211.584**, and **46, 20.385, 209.234** is the 20% darker color. If you saturate the color by 10%, you get **65, 24.420, 210.902**, and if you desaturate by 10%, it is **68, 15.770, 210.249**.

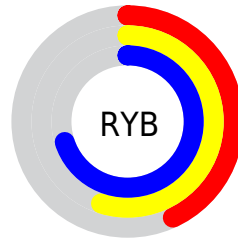
Distribution



Red (43%)

Green (67%)

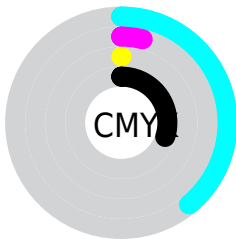
Blue (70%)



Red (43%)

Yellow (55%)

Blue (70%)

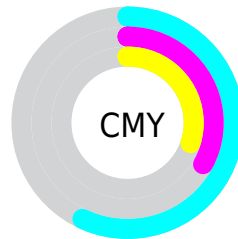


Cyan (39%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (57%)

Magenta (33%)

Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 20.395, 210.487 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, 20.395, 210.487 by changing the saturation by 10% instead.

 66, 20.395,
210.487


 66, 20.395,
210.487

 100, 20.395,
210.487


 56, 20.395,
210.487


 86, 20.395,
210.487

 46, 20.395,
210.487

 96, 20.395,
210.487

 36, 20.395,
210.487

 26, 20.395,
210.487

 16, 20.395,
210.487

 6, 20.395, 210.487

 0, 20.395, 210.487

66, 20.395,
210.487

66, 20.395,
210.487

65, 24.420,
210.902

68, 15.770,
210.249

63, 27.762,
211.540

69, 10.640,
210.167

62, 30.357,
212.442

71, 5.097, 210.238

61, 32.177,
213.653

73, 0.769, 29.584

75, 6.882, 30.353

60, 33.246,
215.219

77, 13.175, 30.622

60, 33.707,
217.130

79, 19.594, 30.908

81, 26.094, 31.216

59, 33.756,
217.382

82, 26.804, 33.270

Harmonies

Complementary

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



66, 20.395, 210.487



55, 27.056, 31.845

Rectangle

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



66, 20.395, 210.487



66, 20.395, 260.487



66, 20.395, 30.487



66, 20.395, 80.487

Sweetspot

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



66, 20.395, 210.484



89, 8.618, 210.192



67, 42.959, 144.305



47, 5.742, 210.181



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 20.395, 210.484



83, 28.870, 210.806



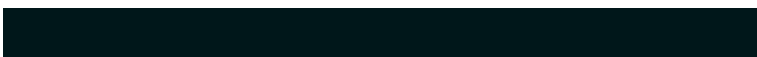
56, 24.907, 271.944



37, 3.312, 210.227



51, 30.188, 217.098



6, 7.878, 215.883

Inverse Universe

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



55, 42.466, 330.027



67, 61.812, 330.502



64, 26.018, 80.357



35, 6.234, 328.271



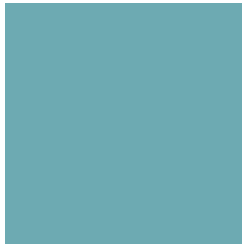
35, 72.164, 333.375



2, 14.445, 329.506

Previews

White Background



This preview shows how the CIELCh color 66, 20.395, 210.487 looks on a white background.

Color Contrast Check

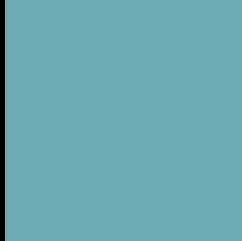
Large Text (above 18pt) WCAG AA × Fail

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, 20.395, 210.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

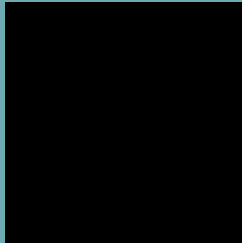
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 20.395, 210.487

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.395, 210.487.



This preview shows how white text looks on a background with the CIELCh color 66, 20.395, 210.487.

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

66, 20.395, 210.487

Protanopia

66, 6.660, 290.883

Deuteranopia

66, 14.318, 304.786



Tritanopia
66, 20.126, 220.862

Trichromacy



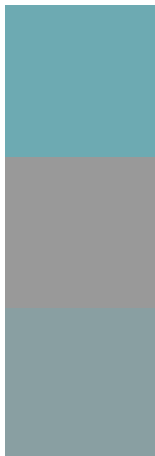
Original Color
66, 20.395, 210.487

Protanomaly
66, 9.794, 237.593

Deuteranomaly
66, 11.813, 262.718

Tritanomaly
66, 20.146, 217.381

Monochromacy



Original Color
66, 20.395, 210.487

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 8.174, 210.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.395, 210.487 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(109, 170, 178)` looks like.

```
.text, #text, p{  
    color:rgb(109, 170, 178)  
}
```

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(109, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 170, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.395, 210.487 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(109, 170, 178) }
```

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

```
.border{ border-color:rgb(109, 170, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 170, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(109, 170,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.395, 210.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 170, 178) }
```

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

```
.background{ background-color: rgb(109,  
170, 178) }
```

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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