

Converting Colors

CIELCh(66, 21.299, 214.847)

Have a look what the booklet for
CIELCh(66, 21.299, 214.847)
contains.

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Color

CIELCh(66, 21.092, 214.778)

Conversions

Conversions Part 1

Format	Color
Hex	6BAAB5
RGB	107, 170, 181
RGB Percent	42%, 67%, 71%
CMY	0.5795, 0.3324, 0.2893
CMYK	0.41, 0.06, 0.00, 0.29
HSL	189°, 33%, 57%
HSV	189°, 41%, 71%
XYZ	28.8753, 35.3238, 49.1397
YIQ	152.4170, -41.0790, -9.9350

Conversions

Conversions Part 2

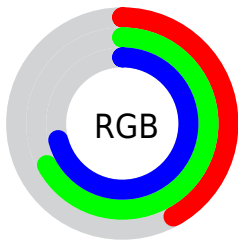
Format	Color
RYB	107, 141, 181
Decimal	7056053
CIELab	66.00, -17.32, -12.03
CIElCh	66, 21.092, 214.778
Yxy	35.3238, 0.2548, 0.3117
Android (android.graphics.Color)	4285246133 (0xFF6BAAB5)
YUV	152.4170, 14.0914, -39.8307
Hunter-Lab	59.4338, -17.2868, -7.4171

Details

The CIELCh color **66, 21.092, 214.778** is a light color, and the websafe version is hex **669999**. A complement of this color would be **56, 28.482, 34.806**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 20.949, 215.771**, and **46, 21.111, 213.870** is the 20% darker color. If you saturate the color by 10%, you get **64, 24.961, 215.509**, and if you desaturate by 10%, it is **68, 16.620, 214.276**.

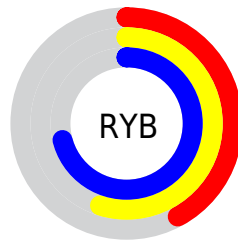
Distribution



Red (42%)

Green (67%)

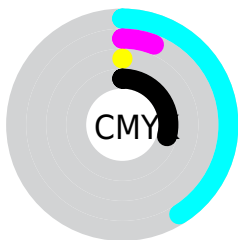
Blue (71%)



Red (42%)

Yellow (55%)

Blue (71%)

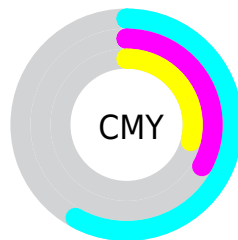


Cyan (41%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (58%)


Magenta (33%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 21.092, 214.778 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, 21.092, 214.778 by changing the saturation by 10% instead.

 66, 21.092,
214.778


 66, 21.092,
214.778


 100, 21.092,
214.778


 56, 21.092,
214.778


 86, 21.092,
214.778

 46, 21.092,
214.778

 96, 21.092,
214.778

 36, 21.092,
214.778

 26, 21.092,
214.778

 16, 21.092,
214.778

 6, 21.092, 214.778

 0, 21.092, 214.778

66, 21.092,
214.778

66, 21.092,
214.778

64, 24.961,
215.509

68, 16.620,
214.276

63, 28.147,
216.530

70, 11.635,
213.970

62, 30.595,
217.897

72, 6.230, 213.837

60, 32.291,
219.673

74, 0.490, 214.748

76, 5.508, 33.642

59, 33.276,
221.916

78, 11.697, 33.795

59, 33.740,
224.326

80, 18.023, 33.967

83, 24.441, 34.169

84, 24.894, 37.179

Harmonies

Complementary

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



66, 21.092, 214.778



56, 28.482, 34.806

Rectangle

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



66, 21.092, 214.778



66, 21.092, 264.778



66, 21.092, 34.778



66, 21.092, 84.778

Sweetspot

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



66, 21.092, 214.775



90, 8.482, 213.844



68, 44.778, 145.070



47, 5.602, 213.854



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, 21.092, 214.775



82, 29.842, 215.423



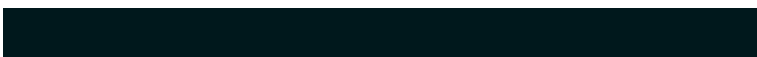
56, 27.811, 275.300



38, 3.306, 213.835



51, 30.150, 223.951



7, 8.740, 220.695

Inverse Universe

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



55, 44.293, 331.283



67, 64.582, 331.849



65, 28.535, 83.025



36, 6.236, 329.323



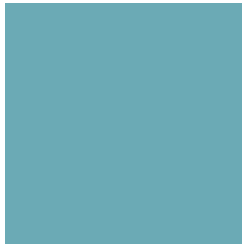
35, 71.229, 335.084



3, 16.177, 331.291

Previews

White Background



This preview shows how the CIELCh color 66, 21.092, 214.778 looks on a white background.

Color Contrast Check

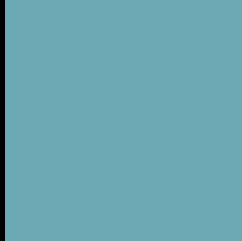
Large Text (above 18pt) WCAG AA × Fail

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, 21.092, 214.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

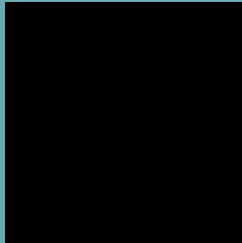
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.092, 214.778

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.092, 214.778.



This preview shows how white text looks on a background with the CIELCh color 66, 21.092, 214.778.

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, 21.092, 214.778

Protanopia

66, 8.325, 288.534

Deuteranopia

66, 15.804, 300.927



Tritanopia
66, 21.132, 219.627

Trichromacy



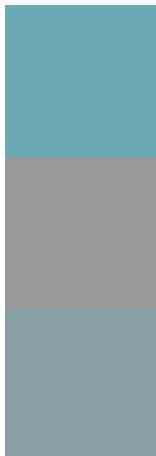
Original Color
66, 21.092, 214.778

Protanomaly
66, 11.057, 243.736

Deuteranomaly
66, 13.552, 263.852

Tritanomaly
66, 21.018, 218.103

Monochromacy



Original Color
66, 21.092, 214.778

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 8.606, 213.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.092, 214.778 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(107, 170, 181)` looks like.

```
.text, #text, p{  
    color:rgb(107, 170, 181)  
}
```

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(107, 170, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 170, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.092, 214.778 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(107, 170, 181) }
```

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

```
.border{ border-color:rgb(107, 170, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 170, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 170, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 170, 181);  
box-shadow:4px 4px 4px 4px rgb(107, 170,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.092, 214.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 170, 181) }
```

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

```
.background{ background-color: rgb(107,  
170, 181) }
```

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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