

Converting Colors

CIELCh(66, 22.268, 210.743)

Have a look what the booklet for
CIELCh(66, 22.268, 210.743)
contains.

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Color

CIELCh(66, 22.267, 210.752)

Conversions

Conversions Part 1

Format	Color
Hex	67ABB4
RGB	103, 171, 180
RGB Percent	40%, 67%, 71%
CMY	0.5959, 0.3292, 0.2940
CMYK	0.43, 0.05, 0.00, 0.29
HSL	187°, 34%, 56%
HSV	187°, 43%, 71%
XYZ	28.4109, 35.3238, 48.5223
YIQ	151.6940, -43.4170, -11.6170

Conversions

Conversions Part 2

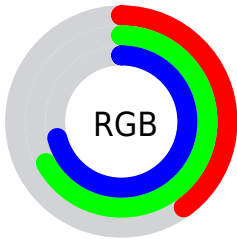
Format	Color
RYB	103, 139, 180
Decimal	6794164
CIELab	66.00, -19.14, -11.39
CIELCh	66, 22.267, 210.752
Yxy	35.3238, 0.2531, 0.3147
Android (android.graphics.Color)	4284984244 (0xFF67ABB4)
YUV	151.6940, 13.9549, -42.7046
Hunter-Lab	59.4338, -18.6816, -6.8012

Details

The CIELCh color **66, 22.267, 210.752** is a light color, and the websafe version is hex **669999**. A complement of this color would be **54, 30.599, 32.280**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 22.153, 211.839**, and **46, 22.307, 209.605** is the 20% darker color. If you saturate the color by 10%, you get **65, 26.051, 211.261**, and if you desaturate by 10%, it is **68, 17.842, 210.437**.

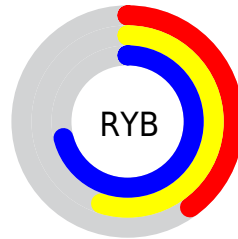
Distribution



Red (40%)

Green (67%)

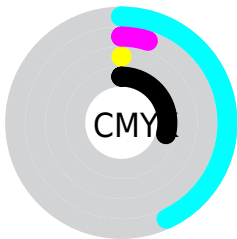
Blue (71%)



Red (40%)

Yellow (55%)

Blue (71%)

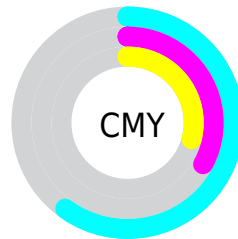


Cyan (43%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (60%)


Magenta (33%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 22.267, 210.752 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, 22.267, 210.752 by changing the saturation by 10% instead.


 66, 22.267,
210.752


 66, 22.267,
210.752


 100, 22.267,
210.752


 56, 22.267,
210.752


 86, 22.267,
210.752

 46, 22.267,
210.752

 96, 22.267,
210.752

 36, 22.267,
210.752

 26, 22.267,
210.752

 16, 22.267,
210.752

 6, 22.267, 210.752

 0, 22.267, 210.752

66, 22.267,
210.752

66, 22.267,
210.752

65, 26.051,
211.261

68, 17.842,
210.437

63, 29.116,
212.011

69, 12.869,
210.290

62, 31.412,
213.047

71, 7.442, 210.289

61, 32.930,
214.414

73, 1.654, 210.601

75, 4.413, 30.325

61, 33.717,
216.155

77, 10.687, 30.604

60, 33.990,
217.593

79, 17.109, 30.878

81, 23.630, 31.174

83, 26.200, 32.733

Harmonies

Complementary

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



66, 22.267, 210.752



54, 30.599, 32.280

Rectangle

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



66, 22.267, 210.752



66, 22.267, 260.752



66, 22.267, 30.752



66, 22.267, 80.752

Sweetspot

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



66, 22.267, 210.749



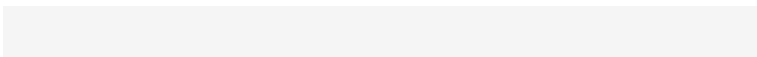
90, 9.385, 210.285



67, 47.118, 144.367



47, 6.521, 210.275



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, 22.267, 210.749



82, 31.383, 211.206



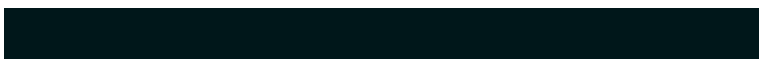
55, 28.382, 274.348



37, 3.309, 210.328



51, 30.171, 217.288



6, 7.872, 216.029

Inverse Universe

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



54, 47.030, 330.299



66, 68.353, 330.831



64, 29.452, 81.293



35, 6.230, 328.301



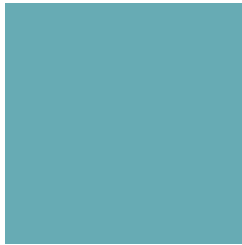
35, 72.113, 333.422



2, 14.432, 329.550

Previews

White Background



This preview shows how the CIELCh color 66, 22.267, 210.752 looks on a white background.

Color Contrast Check

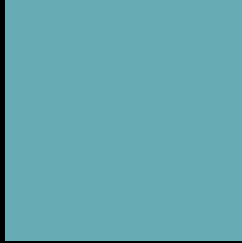
Large Text (above 18pt) WCAG AA × Fail

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, 22.267, 210.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

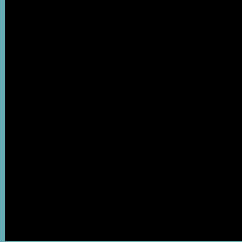
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 22.267, 210.752

Background



This preview shows how black text looks on a background with the CIELCh color 66, 22.267, 210.752.

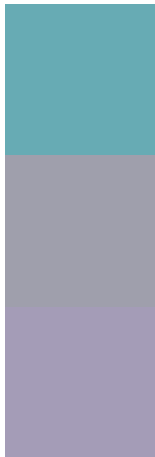


This preview shows how white text looks on a background with the CIELCh color 66, 22.267, 210.752.

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, 22.267, 210.752

Protanopia

66, 7.214, 290.939

Deuteranopia

66, 15.324, 302.564



Tritanopia
66, 22.117, 218.546

Trichromacy



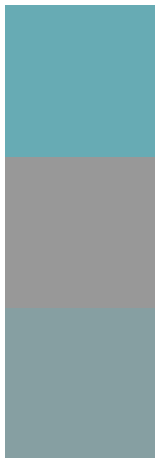
Original Color
66, 22.267, 210.752

Protanomaly
66, 10.636, 237.786

Deuteranomaly
65, 13.229, 261.297

Tritanomaly
66, 22.017, 217.079

Monochromacy



Original Color
66, 22.267, 210.752

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 9.200, 209.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 22.267, 210.752 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(103, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(103, 171, 180)  
}
```

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(103, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 171, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 22.267, 210.752 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(103, 171, 180) }
```

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

```
.border{ border-color:rgb(103, 171, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(103, 171,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 22.267, 210.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 171, 180) }
```

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

```
.background{ background-color: rgb(103,  
171, 180) }
```

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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