

Converting Colors

CIELCh(66, 11.011, 211.820)

Have a look what the booklet for
CIELCh(66, 11.011, 211.820)
contains.

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Color

CIELCh(66, 10.884, 210.363)

Conversions

Conversions Part 1

Format	Color
Hex	88A6AA
RGB	136, 166, 170
RGB Percent	53%, 65%, 67%
CMY	0.4673, 0.3497, 0.3340
CMYK	0.20, 0.02, 0.00, 0.33
HSL	187°, 17%, 60%
HSV	187°, 20%, 67%
XYZ	30.9685, 35.3238, 43.1287
YIQ	157.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

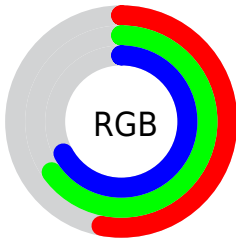
Format	Color
RYB	136, 152, 170
Decimal	8955562
CIELab	66.00, -9.39, -5.50
CIELCh	66, 10.884, 210.363
Yxy	35.3238, 0.2830, 0.3228
Android (android.graphics.Color)	4287145642 (0xFF88A6AA)
YUV	157.4860, 6.1694, -18.8432
Hunter-Lab	59.4338, -11.0003, -1.4206

Details

The CIELCh color `66, 10.884, 210.363` is a light color, and the websafe version is hex `669999`. A complement of this color would be `61, 12.444, 30.867`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 10.798, 209.988`, and `46, 10.989, 210.842` is the 20% darker color. If you saturate the color by 10%, you get `64, 15.756, 210.464`, and if you desaturate by 10%, it is `68, 5.608, 210.396`.

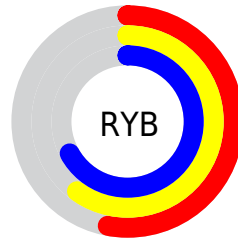
Distribution



Red (53%)

Green (65%)

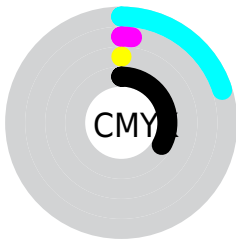
Blue (67%)



Red (53%)

Yellow (60%)

Blue (67%)

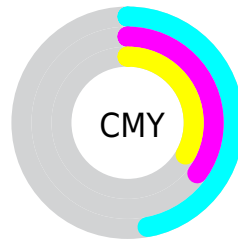


Cyan (20%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (47%)


Magenta (35%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 10.884, 210.363 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, 10.884, 210.363 by changing the saturation by 10% instead.


 66, 10.884,
210.363


 66, 10.884,
210.363


 100, 10.884,
210.363


 56, 10.884,
210.363


 86, 10.884,
210.363

 46, 10.884,
210.363

 96, 10.884,
210.363

 36, 10.884,
210.363

 26, 10.884,
210.363

 16, 10.884,
210.363

 6, 10.884, 210.363

 0, 10.884, 210.363

66, 10.884,
210.363

66, 10.884,
210.363

64, 15.756,
210.464

68, 5.608, 210.396

63, 20.134,
210.729

70, 0.014, 248.454

71, 5.831, 30.480

62, 23.929,
211.181

73, 11.853, 30.744

60, 27.062,
211.860

76, 18.002, 31.020

78, 24.234, 31.319

59, 29.476,
212.808

80, 30.514, 31.635

58, 31.149,
214.073

80, 30.095, 33.684

81, 29.599, 35.838

57, 32.108,
215.699

57, 32.547,

Harmonies

Complementary

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



66, 10.884, 210.363



61, 12.444, 30.867

Rectangle

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



66, 10.884, 210.363



66, 10.884, 260.363



66, 10.884, 30.363



66, 10.884, 80.363

Sweetspot

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



66, 10.884, 210.356



87, 4.216, 210.476



66, 21.203, 146.473



46, 2.814, 210.458



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, 10.884, 210.356



83, 15.981, 210.386



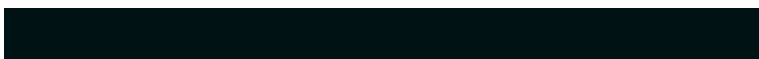
61, 12.546, 269.786



35, 3.151, 210.406



50, 29.426, 217.365



4, 5.712, 214.866

Inverse Universe

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



61, 21.230, 328.961



75, 31.648, 329.224



65, 12.758, 84.370



33, 5.930, 328.318



34, 70.325, 333.441



2, 10.451, 329.139

Previews

White Background



This preview shows how the CIELCh color 66, 10.884, 210.363 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, 10.884, 210.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

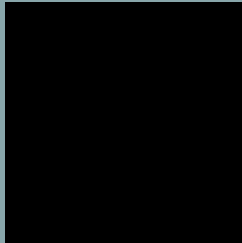
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

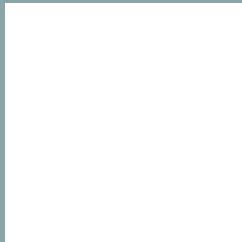
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 10.884, 210.363

Background



This preview shows how black text looks on a background with the CIELCh color 66, 10.884, 210.363.

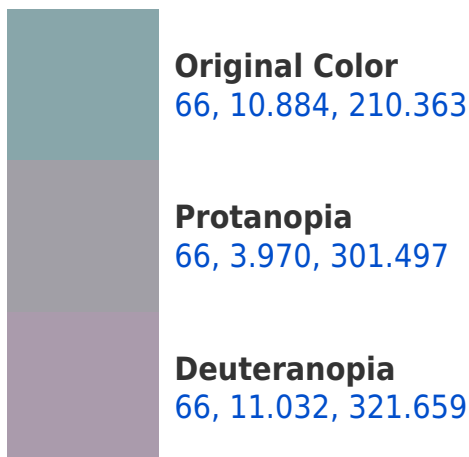


This preview shows how white text looks on a background with the CIELCh color 66, 10.884, 210.363.

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](#).

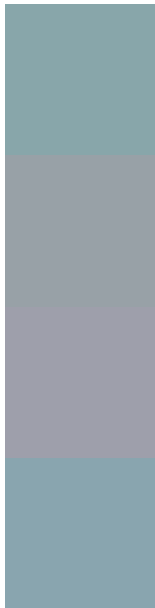
Dichromacy





Tritanopia
66, 11.972, 235.921

Trichromacy



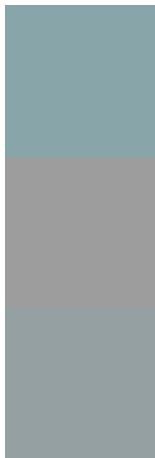
Original Color
66, 10.884, 210.363

Protanomaly
66, 4.659, 244.954

Deuteranomaly
66, 6.664, 287.710

Tritanomaly
66, 11.180, 228.560

Monochromacy



Original Color
66, 10.884, 210.363

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.229, 214.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 10.884, 210.363 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(136, 166, 170)` looks like.

```
.text, #text, p{  
    color:rgb(136, 166, 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(136, 166, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 166, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 10.884, 210.363 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(136, 166, 170) }
```

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

```
.border{ border-color:rgb(136, 166, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 166, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 166, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 166, 170);  
box-shadow:4px 4px 4px 4px rgb(136, 166,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 10.884, 210.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 166, 170) }
```

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

```
.background{ background-color: rgb(136,  
166, 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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