

Converting Colors

CIELCh(66, 10.581, 184.441)

Have a look what the booklet for
CIELCh(66, 10.581, 184.441)
contains.

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Color

CIELCh(66, 10.716, 183.474)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8AA6A1 |
| RGB | 138, 166, 161 |
| RGB Percent | 54%, 65%, 63% |
| CMY | 0.4582, 0.3484, 0.3680 |
| CMYK | 0.17, 0.00, 0.03, 0.35 |
| HSL | 169°, 14%, 60% |
| HSV | 169°, 17%, 65% |
| XYZ | 30.6174, 35.3238, 38.9940 |
| YIQ | 157.0580, -15.0830, -7.4910 |

Conversions

Conversions Part 2

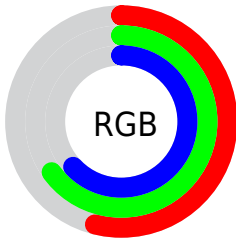
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 138, 153, 166 |
| Decimal | 9086625 |
| CIE _{Lab} | 66.00, -10.70, -0.65 |
| CIE _{LCh} | 66, 10.716, 183.474 |
| Yxy | 35.3238, 0.2918, 0.3366 |
| Android (android.graphics.Color) | 4287276705 (0xFF8AA6A1) |
| YUV | 157.0580, 1.9434, -16.7139 |
| Hunter-Lab | 59.4338, -12.0548, 2.7040 |

Details

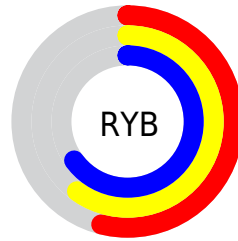
The CIELCh color $66, 10.716, 183.474$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 11.499, 6.477$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 10.555, 184.283$, and $46, 10.423, 184.996$ is the 20% darker color. If you saturate the color by 10%, you get $65, 16.730, 182.532$, and if you desaturate by 10%, it is $67, 4.424, 184.408$.

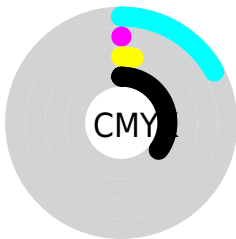
Distribution



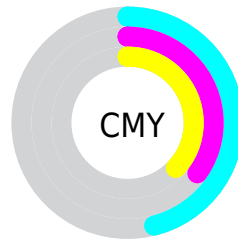
- Red (54%)
- Green (65%)
- Blue (63%)



- Red (54%)
- Yellow (60%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (35%)





- Cyan (46%)
- Magenta (35%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 10.716, 183.474 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, 10.716, 183.474 by changing the saturation by 10% instead.


 66, 10.716,
183.474


 66, 10.716,
183.474


 100, 10.716,
183.474


 56, 10.716,
183.474


 86, 10.716,
183.474


 46, 10.716,
183.474


 96, 10.716,
183.474

 36, 10.716,
183.474

 26, 10.716,
183.474

 16, 10.716,
183.474

 6, 10.716, 183.474

 0, 10.716, 183.474

66, 10.716,
183.474

66, 10.716,
183.474

65, 16.730,
182.532

67, 4.424, 184.408

64, 22.361,
181.552

69, 2.056, 4.934

70, 8.646, 5.917

63, 27.504,
180.511

72, 15.280, 6.731

62, 32.058,
179.391

73, 21.906, 7.507

75, 28.487, 8.257

62, 35.942,
178.171

77, 34.994, 8.983

61, 39.102,
176.830

77, 35.380, 6.566

77, 35.636, 4.078

61, 41.535,
175.347

61, 43.318,

173.720

■ 61, 43.834,
173.212

Harmonies

Complementary

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



66, 10.716, 183.474



60, 11.499, 6.477

Rectangle

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



66, 10.716, 183.474



66, 10.716, 233.474



66, 10.716, 3.474



66, 10.716, 53.474

Sweetspot

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



66, 10.717, 183.468



86, 4.014, 184.595



66, 17.909, 138.499



46, 2.759, 184.521



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 10.717, 183.468



83, 15.685, 183.142



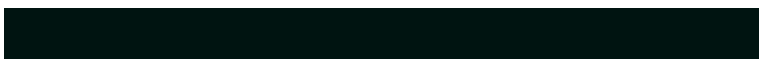
64, 8.404, 235.161



35, 3.679, 184.170



55, 40.158, 173.393



5, 6.975, 180.592

Inverse Universe

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



60, 11.499, 6.477



75, 17.095, 6.884



62, 9.196, 52.414



33, 3.823, 5.662



30, 62.204, 29.984



1, 6.754, 6.836

Previews

White Background



This preview shows how the CIELCh color 66, 10.716, 183.474 looks on a white background.

Color Contrast Check

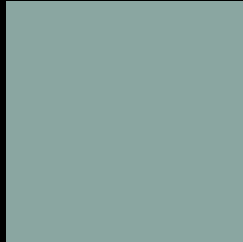
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 10.716, 183.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

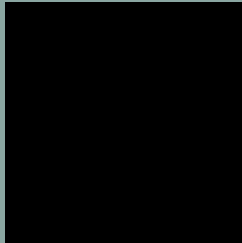
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

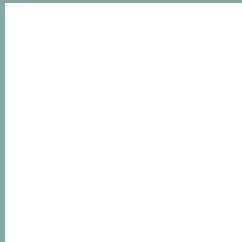
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 10.716, 183.474

Background



This preview shows how black text looks on a background with the CIELCh color 66, 10.716, 183.474.

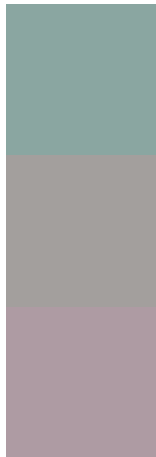


This preview shows how white text looks on a background with the CIELCh color 66, 10.716, 183.474.

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

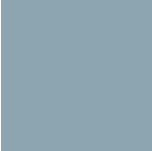
66, 10.716, 183.474

Protanopia

66, 1.883, 55.190

Deuteranopia

66, 8.554, 349.062



Tritanopia
66, 10.698, 241.415

Trichromacy



Original Color
66, 10.716, 183.474

Protanomaly
66, 3.472, 170.658

Deuteranomaly
66, 1.844, 314.665

Tritanomaly
66, 9.481, 219.344

Monochromacy



Original Color
66, 10.716, 183.474

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.813, 190.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 10.716, 183.474 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(138, 166, 161)` looks like.

```
.text, #text, p{  
    color:rgb(138, 166, 161)  
}
```

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(138, 166, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 166, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 10.716, 183.474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

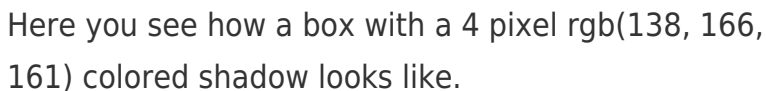
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 166, 161) }
```

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

```
.border{ border-color:rgb(138, 166, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 166, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 166, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 166, 161); box-shadow:4px 4px 4px 4px rgb(138, 166, 161) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 10.716, 183.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 166, 161) }
```

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

```
.background{ background-color: rgb(138,  
166, 161) }
```

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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