

Converting Colors

CIELCh(66, 38.155, 160.114)

Have a look what the booklet for
CIELCh(66, 38.155, 160.114)
contains.

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Color

CIELCh(66, 38.275, 160.092)

Conversions

Conversions Part 1

Format	Color
Hex	5AB188
RGB	90, 177, 136
RGB Percent	35%, 69%, 53%
CMY	0.6477, 0.3065, 0.4672
CMYK	0.49, 0.00, 0.23, 0.31
HSL	152°, 36%, 52%
HSV	152°, 49%, 69%
XYZ	24.3275, 35.3238, 28.7753
YIQ	146.3130, -38.6910, -31.1950

Conversions

Conversions Part 2

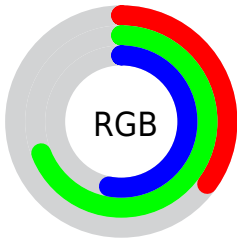
Format	Color
RYB	90, 147, 177
Decimal	5943688
CIELab	66.00, -35.99, 13.03
CIElCh	66, 38.275, 160.092
Yxy	35.3238, 0.2751, 0.3995
Android (android.graphics.Color)	4284133768 (0xFF5AB188)
YUV	146.3130, -5.0843, -49.3865
Hunter-Lab	59.4338, -30.9454, 12.8980

Details

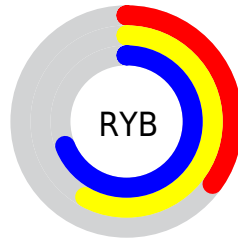
The CIELCh color **66, 38.275, 160.092** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **50, 40.783, 350.610**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 38.315, 159.945**, and **46, 38.570, 159.929** is the 20% darker color. If you saturate the color by 10%, you get **65, 45.028, 158.635**, and if you desaturate by 10%, it is **67, 31.007, 161.382**.

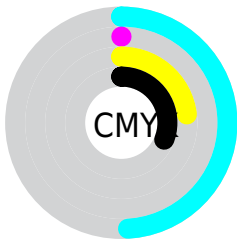
Distribution



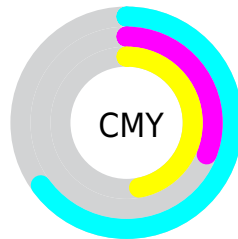
- Red (35%)
- Green (69%)
- Blue (53%)



- Red (35%)
- Yellow (58%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (23%)
- Black (31%)





- Cyan (65%)
- Magenta (31%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 38.275, 160.092 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, 38.275, 160.092 by changing the saturation by 10% instead.


 66, 38.275,
160.092


 66, 38.275,
160.092


 100, 38.275,
160.092


 56, 38.275,
160.092


 86, 38.275,
160.092

 46, 38.275,
160.092

 96, 38.275,
160.092

 36, 38.275,
160.092

 26, 38.275,
160.092

 16, 38.275,
160.092

 6, 38.275, 160.092

 0, 38.275, 160.092

66, 38.275,
160.092

66, 38.275,
160.092

65, 45.028,
158.635

67, 31.007,
161.382

65, 51.146,
156.989

68, 23.356,
162.530

64, 56.547,
155.137

69, 15.452,
163.561

64, 61.202,
153.077

71, 7.414, 164.510

72, 0.655, 344.716

64, 65.228,
150.888

74, 8.674, 346.020

63, 65.544,
150.720

76, 16.583,
346.749

78, 24.337,
347.414

■ 80, 31.906,
348.032

Harmonies

Complementary

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



66, 38.275, 160.092



50, 40.783, 350.610

Rectangle

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



66, 38.275, 160.092



66, 38.275, 210.092



66, 38.275, 340.092



66, 38.275, 30.092

Sweetspot

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



66, 38.276, 160.091



88, 14.942, 163.942



67, 49.716, 127.405



46, 10.178, 163.745



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 38.276, 160.091



83, 55.354, 158.508



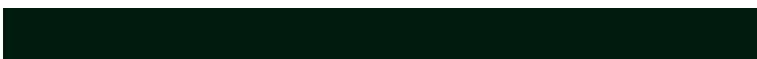
67, 26.819, 198.982



37, 4.601, 164.498



55, 58.569, 151.007



7, 12.064, 159.540

Inverse Universe

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



50, 40.783, 350.610



59, 59.224, 352.456



49, 38.378, 25.895



35, 4.666, 345.974



32, 57.727, 4.026



2, 10.438, 351.464

Previews

White Background



This preview shows how the CIELCh color 66, 38.275, 160.092 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, 38.275, 160.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

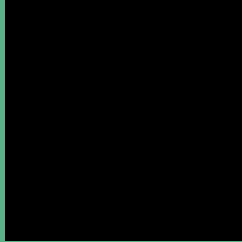
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 38.275, 160.092

Background



This preview shows how black text looks on a background with the CIELCh color 66, 38.275, 160.092.

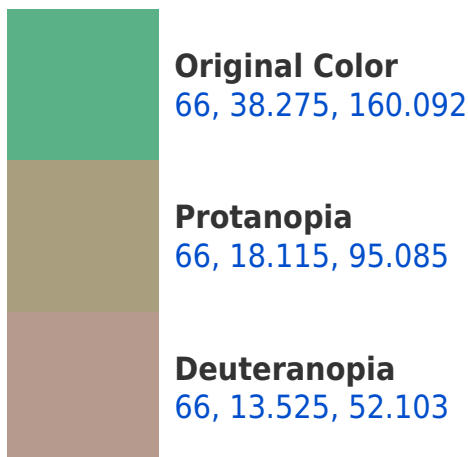



This preview shows how white text looks on a background with the CIELCh color 66, 38.275, 160.092.

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, 22.360, 218.294

Trichromacy



Original Color
66, 38.275, 160.092



Protanomaly
65, 21.742, 135.227



Deuteranomaly
65, 13.894, 132.183



Tritanomaly
66, 24.875, 189.578

Monochromacy



Original Color
66, 38.275, 160.092



Achromatopsia
61, 0.008, 296.813



Achromatomaly
62, 14.559, 162.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 38.275, 160.092 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(90, 177, 136)` looks like.

```
.text, #text, p{  
    color:rgb(90, 177, 136)  
}
```

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(90, 177, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 177, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 38.275, 160.092 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(90, 177, 136) }
```

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

```
.border{ border-color:rgb(90, 177, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 177, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 177, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 177, 136);  
box-shadow:4px 4px 4px 4px rgb(90, 177,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 38.275, 160.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 177, 136) }
```

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

```
.background{ background-color: rgb(90, 177,  
136) }
```

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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