

Converting Colors

CIELCh(66, 11.095, 184.333)

Have a look what the booklet for
CIELCh(66, 11.095, 184.333)
contains.

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Color

CIELCh(66, 11.055, 183.909)

Conversions

Conversions Part 1

Format	Color
Hex	89A6A1
RGB	137, 166, 161
RGB Percent	54%, 65%, 63%
CMY	0.4615, 0.3477, 0.3673
CMYK	0.17, 0.00, 0.03, 0.35
HSL	170°, 14%, 60%
HSV	170°, 17%, 65%
XYZ	30.5283, 35.3238, 39.0800
YIQ	156.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

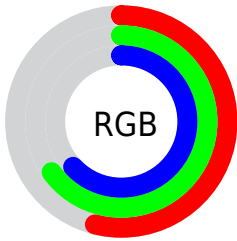
Format	Color
RYB	137, 153, 166
Decimal	9021089
CIELab	66.00, -11.03, -0.75
CIElCh	66, 11.055, 183.909
Yxy	35.3238, 0.2909, 0.3366
Android (android.graphics.Color)	4287211169 (0xFF89A6A1)
YUV	156.7590, 2.0908, -17.3286
Hunter-Lab	59.4338, -12.3225, 2.6183

Details

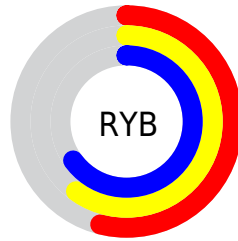
The CIELCh color $66, 11.055, 183.909$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 11.909, 7.014$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 10.884, 184.698$, and $46, 10.774, 185.388$ is the 20% darker color. If you saturate the color by 10%, you get $65, 17.030, 182.974$, and if you desaturate by 10%, it is $67, 4.792, 184.832$.

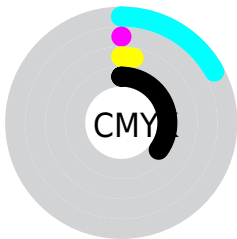
Distribution



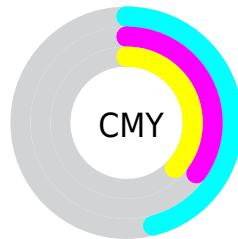
- Red (54%)
- Green (65%)
- Blue (63%)



- 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, 11.055, 183.909 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, 11.055, 183.909 by changing the saturation by 10% instead.


 66, 11.055,
183.909


 66, 11.055,
183.909


 100, 11.055,
183.909


 56, 11.055,
183.909


 86, 11.055,
183.909

 46, 11.055,
183.909

 96, 11.055,
183.909

 36, 11.055,
183.909

 26, 11.055,
183.909

 16, 11.055,
183.909

 6, 11.055, 183.909

 0, 11.055, 183.909

■ 66, 11.055,
183.909

■ 66, 11.055,
183.909

■ 65, 17.030,
182.974

■ 67, 4.792, 184.832

■ 64, 22.611,
182.002

■ 69, 1.670, 5.310

■ 70, 8.250, 6.341

■ 63, 27.694,
180.972

■ 72, 14.880, 7.155

■ 62, 32.178,
179.864

■ 73, 21.510, 7.931

■ 75, 28.099, 8.681

■ 62, 35.984,
178.659

■ 77, 34.618, 9.408

■ 61, 39.062,
177.335

■ 77, 35.251, 7.196

■ 77, 35.480, 4.777

■ 61, 41.411,
175.872

■ 61, 43.126,

174.273

■ 61, 43.535,
173.868

Harmonies

Complementary

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



66, 11.055, 183.909



60, 11.909, 7.014

Rectangle

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



66, 11.055, 183.909



66, 11.055, 233.909



66, 11.055, 3.909



66, 11.055, 53.909

Sweetspot

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



66, 11.056, 183.903



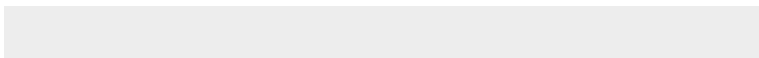
86, 4.004, 185.076



66, 18.551, 138.467



46, 2.752, 185.003



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, 11.056, 183.903



83, 16.386, 183.540



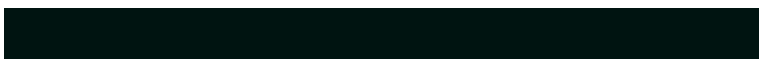
64, 8.693, 235.223



35, 3.670, 184.654



55, 39.855, 174.047



5, 6.951, 181.148

Inverse Universe

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



60, 11.909, 7.014



74, 17.971, 7.475



62, 9.545, 52.377



33, 3.816, 6.135



30, 62.453, 30.426



1, 6.742, 7.255

Previews

White Background



This preview shows how the CIELCh color 66, 11.055, 183.909 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, 11.055, 183.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

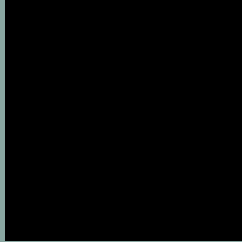
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

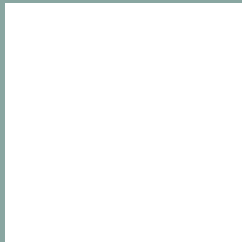
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 11.055, 183.909

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.055, 183.909.

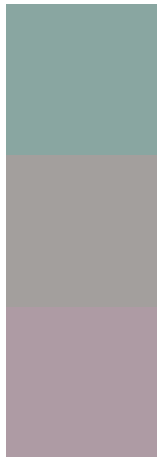


This preview shows how white text looks on a background with the CIELCh color 66, 11.055, 183.909.

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, 11.055, 183.909

Protanopia
66, 1.883, 55.190

Deuteranopia
66, 8.844, 345.979



Tritanopia
66, 10.949, 240.209

Trichromacy



Original Color
66, 11.055, 183.909

Protanomaly
66, 3.472, 170.658

Deuteranomaly
66, 2.360, 309.130

Tritanomaly
66, 9.801, 218.618

Monochromacy



Original Color
66, 11.055, 183.909

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, 11.055, 183.909 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(137, 166, 161)` looks like.

```
.text, #text, p{  
    color:rgb(137, 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(137, 166, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 166, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.055, 183.909 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(137, 166, 161) }
```

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

```
.border{ border-color:rgb(137, 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(137, 166, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 166, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 166, 161);  
box-shadow:4px 4px 4px 4px rgb(137, 166,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.055, 183.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 166, 161) }
```

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

```
.background{ background-color: rgb(137,  
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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