

Converting Colors

CIELCh(66, 21.679, 151.291)

Have a look what the booklet for
CIELCh(66, 21.679, 151.291)
contains.

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Color

CIELCh(66, 21.972, 150.907)

Conversions

Conversions Part 1

Format	Color
Hex	83AA8D
RGB	131, 170, 141
RGB Percent	51%, 67%, 55%
CMY	0.4876, 0.3347, 0.4484
CMYK	0.23, 0.00, 0.17, 0.33
HSL	135°, 19%, 59%
HSV	135°, 23%, 67%
XYZ	28.3947, 35.3238, 30.3848
YIQ	155.0330, -13.9350, -17.2870

Conversions

Conversions Part 2

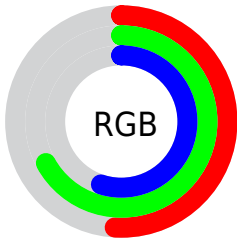
Format	Color
RYB	131, 162, 170
Decimal	8628877
CIELab	66.00, -19.20, 10.68
CIElCh	66, 21.972, 150.907
Yxy	35.3238, 0.3017, 0.3754
Android (android.graphics.Color)	4286818957 (0xFF83AA8D)
YUV	155.0330, -6.9183, -21.0769
Hunter-Lab	59.4338, -18.7304, 11.2925

Details

The CIELCh color **66, 21.972, 150.907** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **59, 22.118, 334.099**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.476, 151.076**, and **46, 22.021, 150.743** is the 20% darker color. If you saturate the color by 10%, you get **65, 31.468, 149.978**, and if you desaturate by 10%, it is **67, 12.384, 151.719**.

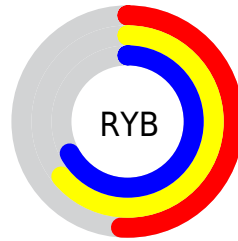
Distribution



Red (51%)

Green (67%)

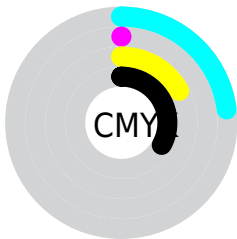
Blue (55%)



Red (51%)

Yellow (64%)

Blue (67%)

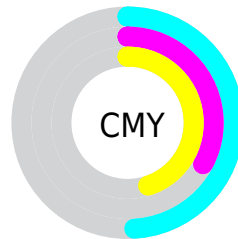


Cyan (23%)

Magenta (0%)

Yellow (17%)

Black (33%)



Cyan (49%)


Magenta (33%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 21.972, 150.907 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, 21.972, 150.907 by changing the saturation by 10% instead.


 66, 21.972,
150.907


 66, 21.972,
150.907


 100, 21.972,
150.907


 56, 21.972,
150.907


 86, 21.972,
150.907

 46, 21.972,
150.907

 96, 21.972,
150.907

 36, 21.972,
150.907

 26, 21.972,
150.907

 16, 21.972,
150.907

 6, 21.972, 150.907

 0, 21.972, 150.907

66, 21.972,
150.907

66, 21.972,
150.907

65, 31.468,
149.978

67, 12.384,
151.719

64, 40.715,
148.909

69, 2.824, 152.495

63, 49.540,
147.682

71, 6.611, 332.959

62, 57.754,
146.284

73, 15.855,
333.521

61, 65.172,
144.718

74, 24.859,
334.003

61, 71.631,
143.008

77, 33.598,
334.429


61, 77.008,
141.212

79, 42.056,
334.811

61, 80.189,

80, 47.929,
331.174

140.032

 80, 52.978,
326.533

Harmonies

Complementary

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



66, 21.972, 150.907



59, 22.118, 334.099

Rectangle

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



66, 21.972, 150.907



66, 21.972, 200.907



66, 21.972, 330.907



66, 21.972, 20.907

Sweetspot

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



66, 21.973, 150.907



86, 8.201, 152.158



68, 21.619, 118.490



45, 5.323, 152.117



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, 21.973, 150.907



82, 32.970, 150.411



66, 15.288, 177.394



35, 5.353, 151.998



53, 72.124, 140.255



5, 9.998, 151.267

Inverse Universe

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



59, 22.118, 334.099



72, 33.212, 334.495



59, 16.536, 1.881



33, 5.375, 333.148



33, 63.501, 341.497



2, 9.260, 335.385

Previews

White Background



This preview shows how the CIE LCh color 66, 21.972, 150.907 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, 21.972, 150.907 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, 21.972, 150.907

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.972, 150.907.

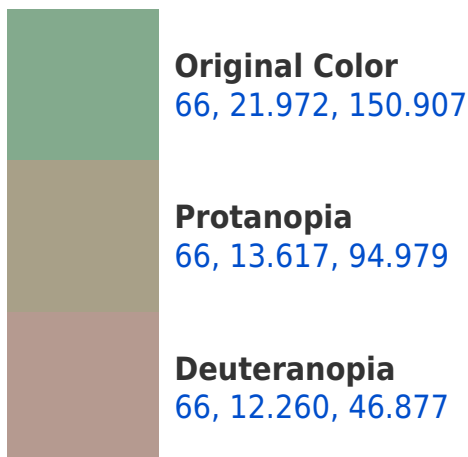


This preview shows how white text looks on a background with the CIELCh color 66, 21.972, 150.907.

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, 12.031, 239.183

Trichromacy



Original Color
66, 21.972, 150.907

Protanomaly
66, 14.870, 124.155

Deuteranomaly
66, 9.451, 101.926

Tritanomaly
66, 11.323, 192.812

Monochromacy



Original Color
66, 21.972, 150.907

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 7.771, 153.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.972, 150.907 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(131, 170, 141)` looks like.

```
.text, #text, p{  
    color:rgb(131, 170, 141)  
}
```

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(131, 170, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 170, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.972, 150.907 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(131, 170, 141) }
```

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

```
.border{ border-color:rgb(131, 170, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 170, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 170, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 170, 141);  
box-shadow:4px 4px 4px 4px rgb(131, 170,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.972, 150.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 170, 141) }
```

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

```
.background{ background-color: rgb(131,  
170, 141) }
```

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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