

Converting Colors

CIELCh(66, 13.367, 204.789)

Have a look what the booklet for
CIELCh(66, 13.367, 204.789)
contains.

CIELCh(66, 13.449, 205.461)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 13.449, 205.461)

Conversions

Conversions Part 1

Format	Color
Hex	81A7AA
RGB	129, 167, 170
RGB Percent	51%, 65%, 67%
CMY	0.4932, 0.3441, 0.3324
CMYK	0.24, 0.02, 0.00, 0.33
HSL	184°, 19%, 59%
HSV	184°, 24%, 67%
XYZ	30.2314, 35.3238, 43.3759
YIQ	155.9800, -23.6110, -7.1230

Conversions

Conversions Part 2

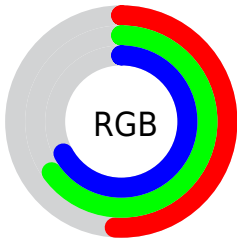
Format	Color
R _Y B	129, 149, 170
Decimal	8497066
CIE Lab	66.00, -12.14, -5.78
CIE LCh	66, 13.449, 205.461
Yxy	35.3238, 0.2775, 0.3243
Android (android.graphics.Color)	4286687146 (0xFF81A7AA)
YUV	155.9800, 6.9119, -23.6615
Hunter-Lab	59.4338, -13.2141, -1.6672

Details

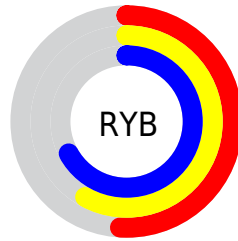
The CIELCh color **66, 13.449, 205.461** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 15.835, 27.078**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 13.319, 205.366**, and **46, 13.547, 205.584** is the 20% darker color. If you saturate the color by 10%, you get **65, 18.319, 205.370**, and if you desaturate by 10%, it is **67, 8.118, 205.651**.

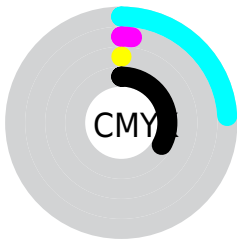
Distribution



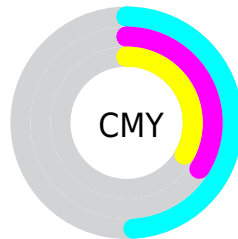
- Red (51%)
- Green (65%)
- Blue (67%)



- Red (51%)
- Yellow (58%)
- Blue (67%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)





- Cyan (49%)
- Magenta (34%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 13.449, 205.461 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, 13.449, 205.461 by changing the saturation by 10% instead.


 66, 13.449,
205.461


 66, 13.449,
205.461


 100, 13.449,
205.461


 56, 13.449,
205.461


 86, 13.449,
205.461

 46, 13.449,
205.461

 96, 13.449,
205.461

 36, 13.449,
205.461

 26, 13.449,
205.461

 16, 13.449,
205.461

 6, 13.449, 205.461

 0, 13.449, 205.461

66, 13.449,
205.461

66, 13.449,
205.461

65, 18.319,
205.370

67, 8.118, 205.651

63, 22.632,
205.406

69, 2.416, 206.044

62, 26.299,
205.584

71, 3.571, 26.011

62, 29.248,
205.929

73, 9.768, 26.455

61, 31.435,
206.465

74, 16.113, 26.865

60, 32.856,
207.217

76, 22.554, 27.289

60, 33.560,
208.204

78, 29.050, 27.724

59, 33.787,

79, 31.334, 28.628

80, 30.958, 29.849

Harmonies

Complementary

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



66, 13.449, 205.461



59, 15.835, 27.078

Rectangle

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



66, 13.449, 205.461



66, 13.449, 255.461



66, 13.449, 25.461



66, 13.449, 75.461

Sweetspot

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



66, 13.449, 205.456



87, 5.097, 205.875



66, 26.491, 144.683



46, 3.334, 205.851



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, 13.449, 205.456



83, 19.689, 205.395



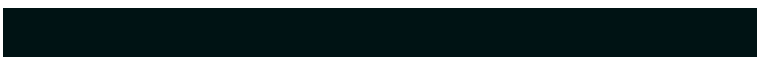
60, 14.328, 265.869



35, 3.273, 205.793



52, 30.493, 208.699



5, 5.975, 208.707

Inverse Universe

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



59, 26.401, 327.817



73, 39.384, 328.125



64, 14.884, 79.204



33, 6.116, 326.966



34, 72.773, 331.315



2, 10.890, 327.295

Previews

White Background



This preview shows how the CIELCh color 66, 13.449, 205.461 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, 13.449, 205.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

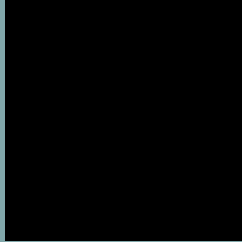
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 13.449, 205.461

Background



This preview shows how black text looks on a background with the CIELCh color 66, 13.449, 205.461.

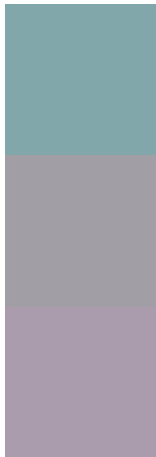


This preview shows how white text looks on a background with the CIELCh color 66, 13.449, 205.461.

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, 13.449, 205.461

Protanopia

66, 3.427, 303.226

Deuteranopia

66, 11.509, 320.247



Tritanopia
66, 13.841, 230.099

Trichromacy



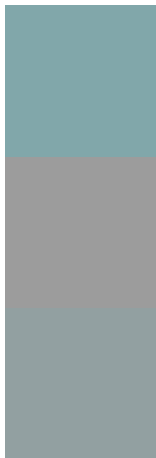
Original Color
66, 13.449, 205.461

Protanomaly
66, 5.478, 229.596

Deuteranomaly
66, 7.336, 279.419

Tritanomaly
66, 13.501, 222.858

Monochromacy



Original Color
66, 13.449, 205.461

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 5.228, 205.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 13.449, 205.461 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(129, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(129, 167, 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(129, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 167, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 13.449, 205.461 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(129, 167, 170) }
```

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

```
.border{ border-color:rgb(129, 167, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 167, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(129, 167,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 13.449, 205.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 167, 170) }
```

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

```
.background{ background-color: rgb(129,  
167, 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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