

Converting Colors

CIELCh(66, 21.379, 125.648)

Have a look what the booklet for
CIELCh(66, 21.379, 125.648)
contains.

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Color

CIELCh(66, 21.309, 125.615)

Conversions

Conversions Part 1

Format	Color
Hex	96A681
RGB	150, 166, 129
RGB Percent	59%, 65%, 51%
CMY	0.4119, 0.3491, 0.4942
CMYK	0.10, 0.00, 0.22, 0.35
HSL	86°, 17%, 58%
HSV	86°, 22%, 65%
XYZ	30.1607, 35.3238, 25.9852
YIQ	156.9980, 2.3410, -14.8990

Conversions

Conversions Part 2

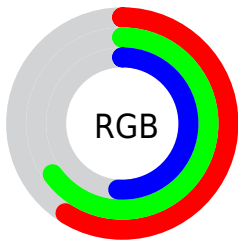
Format	Color
RYB	129, 166, 145
Decimal	9873025
CIELab	66.00, -12.41, 17.32
CIELCh	66, 21.309, 125.615
Yxy	35.3238, 0.3297, 0.3862
Android (android.graphics.Color)	4288063105 (0xFF96A681)
YUV	156.9980, -13.8030, -6.1372
Hunter-Lab	59.4338, -13.4264, 15.6814

Details

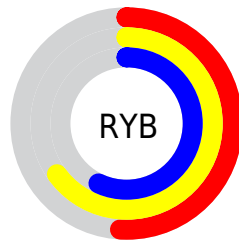
The CIELCh color **66, 21.309, 125.615** is a light color, and the websafe version is hex **999966**. A complement of this color would be **57, 22.060, 307.805**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.322, 125.955**, and **46, 20.966, 125.616** is the 20% darker color. If you saturate the color by 10%, you get **65, 30.765, 125.121**, and if you desaturate by 10%, it is **67, 11.758, 126.110**.

Distribution



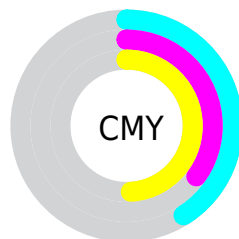
- Red (59%)
- Green (65%)
- Blue (51%)



- Red (51%)
- Yellow (65%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (35%)





- Cyan (41%)
- Magenta (35%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 21.309, 125.615 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, 21.309, 125.615 by changing the saturation by 10% instead.


 66, 21.309,
125.615


 66, 21.309,
125.615


 100, 21.309,
125.615


 56, 21.309,
125.615


 86, 21.309,
125.615

 46, 21.309,
125.615

 96, 21.309,
125.615

 36, 21.309,
125.615

 26, 21.309,
125.615

 16, 21.309,
125.615

 6, 21.309, 125.615

 0, 21.309, 125.615

66, 21.309,
125.615

66, 21.309,
125.615

65, 30.765,
125.121

67, 11.758,
126.110

64, 40.011,
124.644

68, 2.185, 126.610

64, 48.885,
124.227

69, 7.354, 307.002

63, 57.155,
123.932

70, 16.821,
307.416

63, 64.496,
123.848

71, 26.186,
307.792

62, 70.509,
124.091

72, 35.431,
308.134


62, 74.832,
124.772

74, 44.540,
308.443

61, 77.272,

75, 50.085,
309.682

125.501

 75, 50.651,
312.305

Harmonies

Complementary

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



66, 21.309, 125.615



57, 22.060, 307.805

Rectangle

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



66, 21.309, 125.615



66, 21.309, 175.615



66, 21.309, 305.615



66, 21.309, 355.615

Sweetspot

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



66, 21.311, 125.617



86, 8.312, 126.361



61, 12.459, 63.552



46, 5.445, 126.333



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, 21.311, 125.617



83, 32.027, 125.358



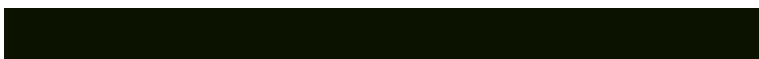
65, 24.463, 140.914



35, 5.472, 126.256



55, 70.906, 125.344



5, 10.167, 129.371

Inverse Universe

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



57, 22.060, 307.805



69, 33.444, 308.106



58, 24.564, 323.256



33, 5.555, 307.108



21, 84.163, 310.666



1, 9.899, 304.484

Previews

White Background



This preview shows how the CIELCh color 66, 21.309, 125.615 looks on a white background.

Color Contrast Check

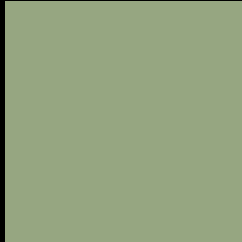
Large Text (above 18pt) WCAG AA × Fail

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, 21.309, 125.615 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, 21.309, 125.615

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.309, 125.615.



This preview shows how white text looks on a background with the CIELCh color 66, 21.309, 125.615.

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](#).

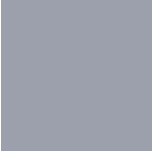
Dichromacy



Original Color
66, 21.309, 125.615

Protanopia
66, 19.164, 95.683

Deuteranopia
66, 18.558, 62.959



Tritanopia
66, 7.328, 279.412

Trichromacy



Original Color
66, 21.309, 125.615

Protanomaly
66, 19.219, 106.906

Deuteranomaly
66, 16.667, 86.714

Tritanomaly
66, 4.138, 157.207

Monochromacy



Original Color
66, 21.309, 125.615

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.583, 127.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.309, 125.615 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(150, 166, 129)` looks like.

```
.text, #text, p{  
    color:rgb(150, 166, 129)  
}
```

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(150, 166, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 166, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.309, 125.615 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(150, 166, 129) }
```

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

```
.border{ border-color:rgb(150, 166, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 166, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 166, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 166, 129);  
box-shadow:4px 4px 4px 4px rgb(150, 166,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.309, 125.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 166, 129) }
```

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

```
.background{ background-color: rgb(150,  
166, 129) }
```

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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