

Converting Colors

CIELCh(66, 3.083, 221.767)

Have a look what the booklet for
CIELCh(66, 3.083, 221.767) contains.

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Color

CIELCh(66, 3.171, 219.780)

Conversions

Conversions Part 1

Format	Color
Hex	9AA2A4
RGB	154, 162, 164
RGB Percent	60%, 64%, 64%
CMY	0.3966, 0.3652, 0.3574
CMYK	0.06, 0.01, 0.00, 0.36
HSL	192°, 5%, 62%
HSV	192°, 6%, 64%
XYZ	32.8845, 35.3238, 40.1414
YIQ	159.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

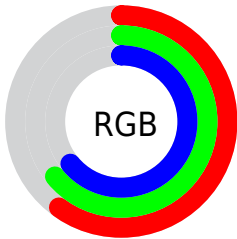
Format	Color
RYB	154, 158, 164
Decimal	10134180
CIELab	66.00, -2.44, -2.03
CIELCh	66, 3.171, 219.780
Yxy	35.3238, 0.3035, 0.3260
Android (android.graphics.Color)	4288324260 (0xFF9AA2A4)
YUV	159.8360, 2.0529, -5.1182
Hunter-Lab	59.4338, -5.2458, 1.5594

Details

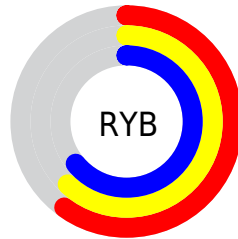
The CIELCh color **66, 3.171, 219.780** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 3.288, 39.186**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 3.346, 217.649**, and **46, 3.014, 222.488** is the 20% darker color. If you saturate the color by 10%, you get **64, 8.156, 220.025**, and if you desaturate by 10%, it is **68, 2.065, 39.138**.

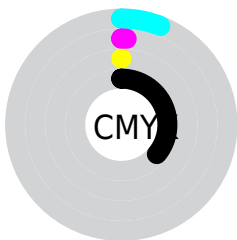
Distribution



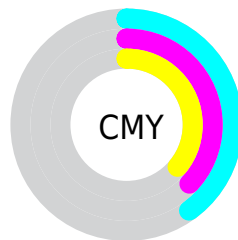
- Red (60%)
- Green (64%)
- Blue (64%)



- Red (60%)
- Yellow (62%)
- Blue (64%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 3.171, 219.780 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, 3.171, 219.780 by changing the saturation by 10% instead.

■ 66, 3.171, 219.780

■ 66, 3.171, 219.780

■ 100, 3.171,
219.780

■ 56, 3.171, 219.780

■ 86, 3.171, 219.780

■ 46, 3.171, 219.780

■ 96, 3.171, 219.780

■ 36, 3.171, 219.780

■ 26, 3.171, 219.780

■ 16, 3.171, 219.780

■ 6, 3.171, 219.780

■ 0, 3.171, 219.780

■ 66, 3.171, 219.780

■ 66, 3.171, 219.780

■ 64, 8.156, 220.025

■ 68, 2.065, 39.138

62, 12.821,
220.537

70, 7.495, 39.167

60, 17.092,
221.272

73, 13.067, 39.137

58, 20.892,
222.276

75, 18.741, 39.150

57, 24.150,
223.612

80, 30.265, 39.288

55, 26.810,
225.354

81, 30.749, 42.226

54, 28.846,
227.581

82, 30.243, 45.879

52, 30.279,
230.370

83, 29.867, 49.645

51, 31.201,
233.753

Harmonies

Complementary

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



66, 3.171, 219.780



65, 3.288, 39.186

Rectangle

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



66, 3.171, 219.780



66, 3.171, 269.780



66, 3.171, 39.780



66, 3.171, 89.780

Sweetspot

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



66, 3.171, 219.749



85, 1.306, 219.929



66, 5.942, 149.622



45, 0.741, 219.953



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



66, 3.171, 219.749



84, 4.513, 219.759



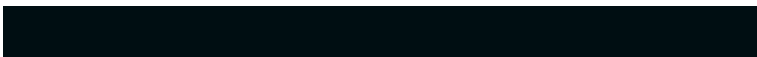
65, 3.965, 273.238



34, 2.337, 219.763



45, 28.848, 234.691



3, 4.534, 225.158

Inverse Universe

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



65, 5.892, 330.844



82, 8.412, 330.914



66, 3.952, 91.653



33, 4.359, 330.932



33, 65.293, 337.913



1, 8.153, 332.252

Previews

White Background



This preview shows how the CIELCh color 66, 3.171, 219.780 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, 3.171, 219.780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

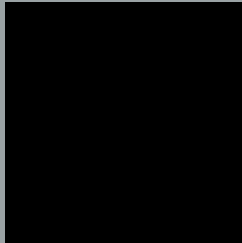
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

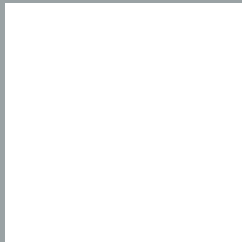
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 3.171, 219.780

Background



This preview shows how black text looks on a background with the CIELCh color 66, 3.171, 219.780.



This preview shows how white text looks on a background with the CIELCh color 66, 3.171, 219.780.

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

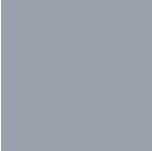
66, 3.171, 219.780

Protanopia

66, 2.034, 324.433

Deuteranopia

66, 8.856, 341.550



Tritanopia
66, 7.402, 276.644

Trichromacy



Original Color
66, 3.171, 219.780

Protanomaly
66, 1.705, 277.607

Deuteranomaly
66, 5.630, 327.876

Tritanomaly
66, 5.417, 266.618

Monochromacy



Original Color
66, 3.171, 219.780

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.135, 199.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 3.171, 219.780 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(154, 162, 164)` looks like.

```
.text, #text, p{  
    color:rgb(154, 162, 164)  
}
```

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(154, 162, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 162, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 3.171, 219.780 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(154, 162, 164) }
```

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

```
.border{ border-color:rgb(154, 162, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 162, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 162, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 162, 164);  
box-shadow:4px 4px 4px 4px rgb(154, 162,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 3.171, 219.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 162, 164) }
```

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

```
.background{ background-color: rgb(154,  
162, 164) }
```

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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