

Converting Colors

CIELCh(66, 6.328, 215.756)

Have a look what the booklet for
CIELCh(66, 6.328, 215.756) contains.

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Color

CIELCh(66, 6.229, 219.908)

Conversions

Conversions Part 1

Format	Color
Hex	93A3A7
RGB	147, 163, 167
RGB Percent	58%, 64%, 65%
CMY	0.4224, 0.3597, 0.3440
CMYK	0.12, 0.02, 0.00, 0.34
HSL	192°, 10%, 62%
HSV	192°, 12%, 66%
XYZ	32.2309, 35.3238, 41.8162
YIQ	158.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

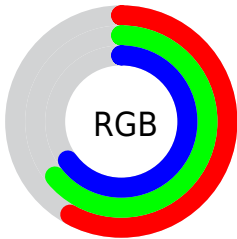
Format	Color
RYB	147, 156, 167
Decimal	9675687
CIELab	66.00, -4.78, -4.00
CIELCh	66, 6.229, 219.908
Yxy	35.3238, 0.2947, 0.3230
Android (android.graphics.Color)	4287865767 (0xFF93A3A7)
YUV	158.6720, 4.1057, -10.2363
Hunter-Lab	59.4338, -7.2088, -0.1113

Details

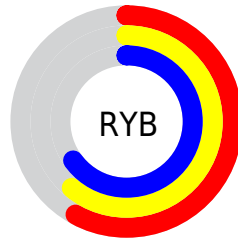
The CIELCh color **66, 6.229, 219.908** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 6.709, 39.186**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 6.271, 218.699**, and **46, 6.233, 221.363** is the 20% darker color. If you saturate the color by 10%, you get **64, 11.116, 220.321**, and if you desaturate by 10%, it is **68, 1.046, 219.961**.

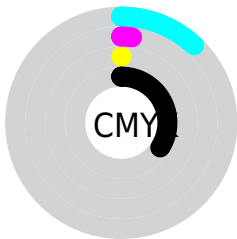
Distribution



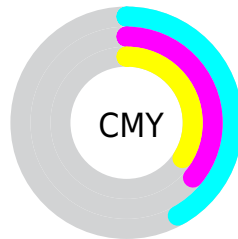
- Red (58%)
- Green (64%)
- Blue (65%)



- Red (58%)
- Yellow (61%)
- Blue (65%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (34%)



- Cyan (42%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 6.229, 219.908 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, 6.229, 219.908 by changing the saturation by 10% instead.

■ 66, 6.229, 219.908

■ 66, 6.229, 219.908

■ 100, 6.229,
219.908

■ 56, 6.229, 219.908

■ 86, 6.229, 219.908

■ 46, 6.229, 219.908

■ 96, 6.229, 219.908

■ 36, 6.229, 219.908

■ 26, 6.229, 219.908

■ 16, 6.229, 219.908

■ 6, 6.229, 219.908

■ 0, 6.229, 219.908

■ 66, 6.229, 219.908

■ 66, 6.229, 219.908

■ 64, 11.116,

■ 68, 1.046, 219.961

220.321

70, 4.367, 39.206

62, 15.633,
220.962

73, 9.955, 39.166

60, 19.703,
221.851

75, 15.669, 39.153

58, 23.248,
223.047

78, 21.471, 39.183

57, 26.205,
224.620

82, 29.556, 41.398

55, 28.532,
226.646

82, 29.020, 45.281

54, 30.231,
229.208

83, 28.625, 49.295

53, 31.355,
232.369

52, 32.018,
235.222

Harmonies

Complementary

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



66, 6.229, 219.908



64, 6.709, 39.186

Rectangle

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



66, 6.229, 219.908



66, 6.229, 269.908



66, 6.229, 39.908



66, 6.229, 89.908

Sweetspot

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



66, 6.229, 219.893



86, 2.623, 219.782



67, 11.892, 149.205



46, 1.876, 219.769



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, 6.229, 219.893



83, 8.949, 219.972



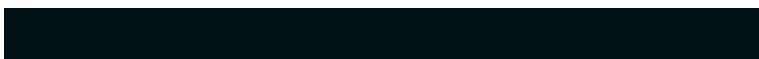
63, 7.936, 274.009



35, 2.982, 219.819



46, 29.222, 234.788



4, 5.430, 226.779

Inverse Universe

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



63, 11.788, 331.235



79, 17.059, 331.383



66, 7.930, 90.958



33, 5.596, 331.062



33, 66.105, 337.940



2, 9.712, 332.756

Previews

White Background



This preview shows how the CIELCh color 66, 6.229, 219.908 looks on a white background.

Color Contrast Check

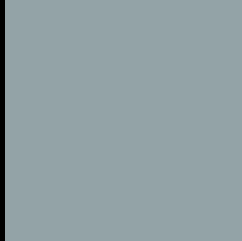
Large Text (above 18pt) WCAG AA × Fail

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, 6.229, 219.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

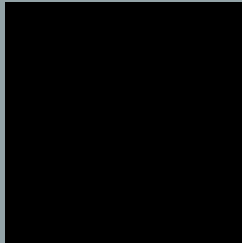
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

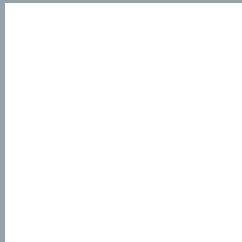
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 6.229, 219.908

Background



This preview shows how black text looks on a background with the CIELCh color 66, 6.229, 219.908.



This preview shows how white text looks on a background with the CIELCh color 66, 6.229, 219.908.

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

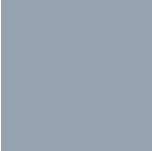
66, 6.229, 219.908

Protanopia

66, 3.534, 309.195

Deuteranopia

66, 10.119, 330.287



Tritanopia
66, 8.493, 257.452

Trichromacy



Original Color
66, 6.229, 219.908

Protanomaly
66, 3.128, 261.962

Deuteranomaly
66, 5.885, 309.308

Tritanomaly
66, 7.424, 247.607

Monochromacy



Original Color
66, 6.229, 219.908

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 2.316, 213.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 6.229, 219.908 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(147, 163, 167)` looks like.

```
.text, #text, p{  
    color:rgb(147, 163, 167)  
}
```

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(147, 163, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 163, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 6.229, 219.908 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(147, 163, 167) }
```

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

```
.border{ border-color:rgb(147, 163, 167) }
```

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

Here you see how a box with a 4 pixel rgb(147, 163, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 163, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 163, 167);  
box-shadow:4px 4px 4px 4px rgb(147, 163,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 6.229, 219.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 163, 167) }
```

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

```
.background{ background-color: rgb(147,  
163, 167) }
```

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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