

Converting Colors

CIELCh(66, 3.945, 224.618)

Have a look what the booklet for
CIELCh(66, 3.945, 224.618) contains.

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Color

CIELCh(66, 4.043, 223.540)

Conversions

Conversions Part 1

Format	Color
Hex	98A2A5
RGB	152, 162, 165
RGB Percent	60%, 64%, 65%
CMY	0.4032, 0.3640, 0.3522
CMYK	0.08, 0.02, 0.00, 0.35
HSL	194°, 7%, 62%
HSV	194°, 8%, 65%
XYZ	32.7460, 35.3238, 40.7797
YIQ	159.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

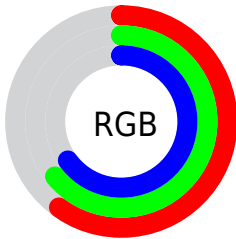
Format	Color
RYB	152, 158, 165
Decimal	10003109
CIELab	66.00, -2.93, -2.79
CIElCh	66, 4.043, 223.540
Yxy	35.3238, 0.3008, 0.3245
Android (android.graphics.Color)	4288193189 (0xFF98A2A5)
YUV	159.3520, 2.7845, -6.4477
Hunter-Lab	59.4338, -5.6620, 0.9227

Details

The CIELCh color **66, 4.043, 223.540** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 4.233, 42.709**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 4.169, 221.496**, and **46, 3.949, 226.036** is the 20% darker color. If you saturate the color by 10%, you get **64, 8.949, 224.007**, and if you desaturate by 10%, it is **68, 1.113, 42.585**.

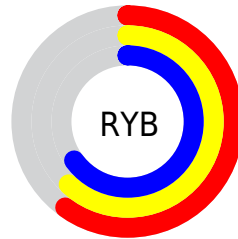
Distribution



Red (60%)

Green (64%)

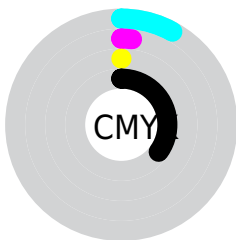
Blue (65%)



Red (60%)

Yellow (62%)

Blue (65%)

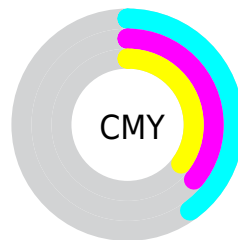


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 4.043, 223.540 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, 4.043, 223.540 by changing the saturation by 10% instead.

■ 66, 4.043, 223.540

■ 66, 4.043, 223.540

■ 100, 4.043,
223.540

■ 56, 4.043, 223.540

■ 86, 4.043, 223.540

■ 46, 4.043, 223.540

■ 96, 4.043, 223.540

■ 36, 4.043, 223.540

■ 26, 4.043, 223.540

■ 16, 4.043, 223.540

■ 6, 4.043, 223.540

■ 0, 4.043, 223.540

■ 66, 4.043, 223.540

■ 66, 4.043, 223.540

■ 64, 8.949, 224.007

■ 68, 1.113, 42.585

62, 13.540,
224.739

71, 6.463, 42.651

60, 17.744,
225.729

73, 11.957, 42.498

76, 17.555, 42.397

58, 21.490,
227.034

78, 23.223, 42.345

56, 24.713,
228.728

81, 28.935, 42.333

82, 29.762, 45.693

54, 27.368,
230.894

83, 29.334, 50.157

52, 29.446,
233.617

84, 29.095, 54.726

51, 30.984,
236.971

50, 32.126,
240.915

Harmonies

Complementary

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



66, 4.043, 223.540



65, 4.233, 42.709

Rectangle

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



66, 4.043, 223.540



66, 4.043, 273.540



66, 4.043, 43.540



66, 4.043, 93.540

Sweetspot

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



66, 4.043, 223.516



85, 1.287, 223.589



67, 7.542, 150.651



45, 0.731, 223.611



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, 4.043, 223.516



83, 5.694, 223.562



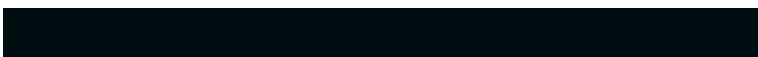
64, 5.347, 275.919



33, 2.868, 223.566



44, 29.409, 241.242



3, 4.492, 229.392

Inverse Universe

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



64, 7.493, 332.075



81, 10.595, 332.163



66, 5.321, 93.957



32, 5.337, 332.169



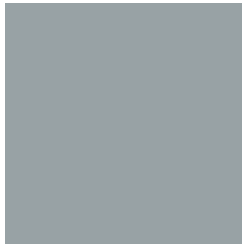
32, 63.859, 339.798



1, 7.951, 333.581

Previews

White Background



This preview shows how the CIELCh color 66, 4.043, 223.540 looks on a white background.

Color Contrast Check

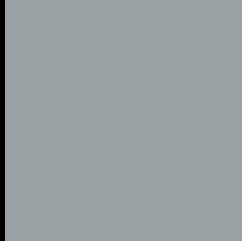
Large Text (above 18pt) WCAG AA × Fail

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, 4.043, 223.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

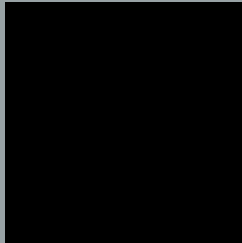
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

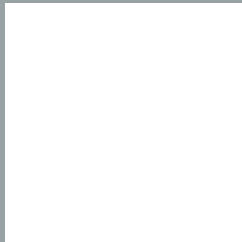
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 4.043, 223.540

Background



This preview shows how black text looks on a background with the CIELCh color 66, 4.043, 223.540.



This preview shows how white text looks on a background with the CIELCh color 66, 4.043, 223.540.

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

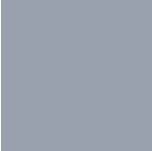
66, 4.043, 223.540

Protanopia

66, 3.015, 312.563

Deuteranopia

66, 9.575, 336.358



Tritanopia
66, 7.590, 271.313

Trichromacy



Original Color
66, 4.043, 223.540

Protanomaly
66, 2.335, 271.661

Deuteranomaly
66, 5.195, 321.190

Tritanomaly
66, 6.216, 262.626

Monochromacy



Original Color
66, 4.043, 223.540

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.601, 219.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 4.043, 223.540 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(152, 162, 165)` looks like.

```
.text, #text, p{  
    color:rgb(152, 162, 165)  
}
```

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(152, 162, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 162, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 4.043, 223.540 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(152, 162, 165) }
```

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

```
.border{ border-color:rgb(152, 162, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 162, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 162, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 162, 165);  
box-shadow:4px 4px 4px 4px rgb(152, 162,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 4.043, 223.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 162, 165) }
```

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

```
.background{ background-color: rgb(152,  
162, 165) }
```

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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