

Converting Colors

CIELCh(66, 9.720, 230.633)

Have a look what the booklet for
CIELCh(66, 9.720, 230.633) contains.

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Color

CIELCh(66, 9.494, 230.663)

Conversions

Conversions Part 1

Format	Color
Hex	8DA4AD
RGB	141, 164, 173
RGB Percent	55%, 64%, 68%
CMY	0.4463, 0.3561, 0.3208
CMYK	0.18, 0.05, 0.00, 0.32
HSL	197°, 16%, 62%
HSV	197°, 18%, 68%
XYZ	31.8883, 35.3238, 44.7711
YIQ	158.1490, -16.5970, -2.0770

Conversions

Conversions Part 2

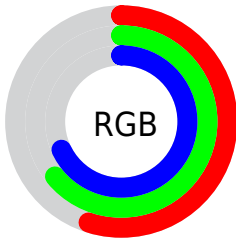
Format	Color
RYB	141, 154, 173
Decimal	9282733
CIELab	66.00, -6.02, -7.34
CIElCh	66, 9.494, 230.663
Yxy	35.3238, 0.2848, 0.3154
Android (android.graphics.Color)	4287472813 (0xFF8DA4AD)
YUV	158.1490, 7.3215, -15.0397
Hunter-Lab	59.4338, -8.2379, -3.0591

Details

The CIELCh color **66, 9.494, 230.663** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 10.572, 48.205**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 9.395, 229.234**, and **46, 9.651, 232.517** is the 20% darker color. If you saturate the color by 10%, you get **64, 14.234, 231.696**, and if you desaturate by 10%, it is **69, 4.459, 229.885**.

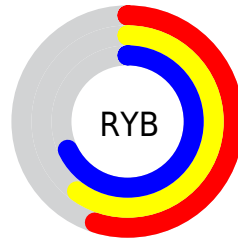
Distribution



Red (55%)

Green (64%)

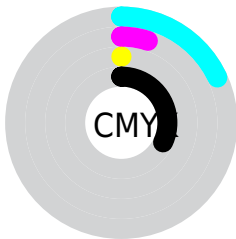
Blue (68%)



Red (55%)

Yellow (60%)

Blue (68%)

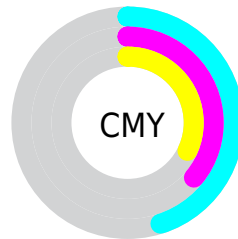


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (32%)



Cyan (45%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 9.494, 230.663 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, 9.494, 230.663 by changing the saturation by 10% instead.

■ 66, 9.494, 230.663

■ 66, 9.494, 230.663

■ 100, 9.494,
230.663

■ 56, 9.494, 230.663

■ 86, 9.494, 230.663

■ 46, 9.494, 230.663

■ 96, 9.494, 230.663

■ 36, 9.494, 230.663

■ 26, 9.494, 230.663

■ 16, 9.494, 230.663

■ 6, 9.494, 230.663

■ 0, 9.494, 230.663

■ 66, 9.494, 230.663

■ 66, 9.494, 230.663

■ 64, 14.234,

■ 69, 4.459, 229.885

231.696

71, 0.811, 48.572

61, 18.613,
233.042

74, 6.263, 48.574

59, 22.569,
234.760

77, 11.849, 48.229

57, 26.046,
236.932

79, 17.533, 47.951

55, 29.014,
239.647

82, 23.283, 47.737

53, 31.482,
242.988

84, 26.387, 50.393

51, 33.513,
247.004

86, 26.169, 56.926

49, 35.275,
251.581

87, 26.303, 63.473

49, 35.552,
252.268

Harmonies

Complementary

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



66, 9.494, 230.663



64, 10.572, 48.205

Rectangle

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



66, 9.494, 230.663



66, 9.494, 280.663



66, 9.494, 50.663



66, 9.494, 100.663

Sweetspot

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



66, 9.494, 230.654



87, 3.915, 229.758



68, 17.823, 151.662



46, 2.590, 229.787



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, 9.494, 230.654



82, 13.812, 231.028



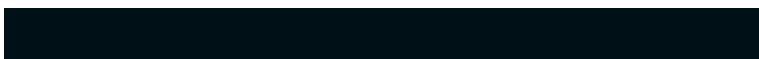
62, 13.973, 280.731



35, 2.975, 229.936



43, 31.912, 251.653



4, 6.420, 240.114

Inverse Universe

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



62, 17.751, 334.770



77, 26.124, 335.054



68, 13.765, 96.167



34, 5.413, 334.118



33, 63.224, 343.204



2, 10.661, 337.210

Previews

White Background



This preview shows how the CIELCh color 66, 9.494, 230.663 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, 9.494, 230.663 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

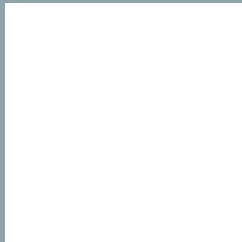
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 9.494, 230.663

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.494, 230.663.

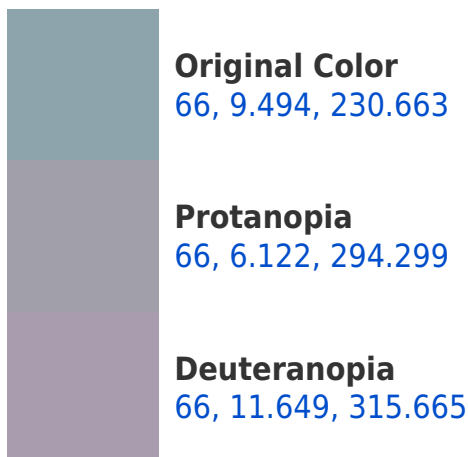


This preview shows how white text looks on a background with the CIELCh color 66, 9.494, 230.663.

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





Tritanopia
66, 10.451, 242.681

Trichromacy



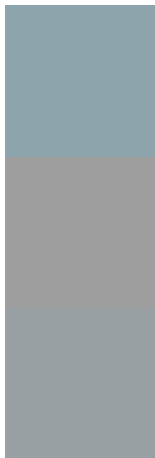
Original Color
66, 9.494, 230.663

Protanomaly
66, 6.216, 262.626

Deuteranomaly
66, 8.323, 291.053

Tritanomaly
66, 10.109, 240.213

Monochromacy



Original Color
66, 9.494, 230.663

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.684, 236.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.494, 230.663 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(141, 164, 173)` looks like.

```
.text, #text, p{  
    color:rgb(141, 164, 173)  
}
```

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(141, 164, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 164, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.494, 230.663 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(141, 164, 173) }
```

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

```
.border{ border-color:rgb(141, 164, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 164, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 164, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 164, 173);  
box-shadow:4px 4px 4px 4px rgb(141, 164,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.494, 230.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 164, 173) }
```

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

```
.background{ background-color: rgb(141,  
164, 173) }
```

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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