

Converting Colors

CIELCh(66, 3.987, 329.562)

Have a look what the booklet for
CIELCh(66, 3.987, 329.562) contains.

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Color

CIELCh(66, 3.610, 329.534)

Conversions

Conversions Part 1

Format	Color
Hex	A59FA4
RGB	165, 159, 164
RGB Percent	65%, 62%, 64%
CMY	0.3542, 0.3777, 0.3581
CMYK	0.00, 0.04, 0.01, 0.35
HSL	310°, 3%, 63%
HSV	310°, 4%, 65%
XYZ	34.4688, 35.3238, 39.9749
YIQ	161.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

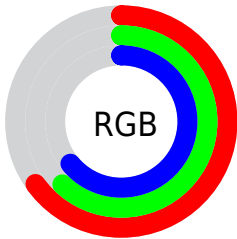
Format	Color
RYB	165, 159, 164
Decimal	10854308
CIELab	66.00, 3.11, -1.83
CIElCh	66, 3.610, 329.534
Yxy	35.3238, 0.3140, 0.3218
Android (android.graphics.Color)	4289044388 (0xFFA59FA4)
YUV	161.3640, 1.2995, 3.1888
Hunter-Lab	59.4338, -0.4878, 1.7256

Details

The CIELCh color $66, 3.610, 329.534$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 3.592, 149.248$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 3.422, 329.461$, and $46, 3.148, 330.722$ is the 20% darker color. If you saturate the color by 10%, you get $62, 13.600, 330.189$, and if you desaturate by 10%, it is $70, 6.222, 149.072$.

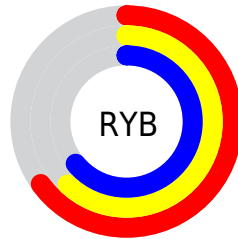
Distribution



Red (65%)

Green (62%)

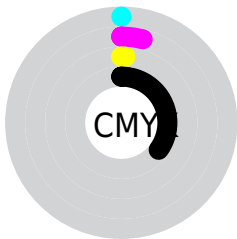
Blue (64%)



Red (65%)

Yellow (62%)

Blue (64%)

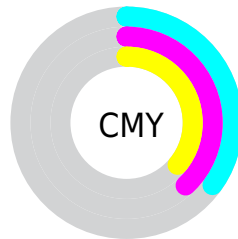


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 3.610, 329.534 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, 3.610, 329.534 by changing the saturation by 10% instead.

■ 66, 3.610, 329.534

■ 66, 3.610, 329.534

■ 100, 3.610,
329.534

■ 56, 3.610, 329.534

■ 86, 3.610, 329.534

■ 46, 3.610, 329.534

■ 96, 3.610, 329.534

■ 36, 3.610, 329.534

■ 26, 3.610, 329.534

■ 16, 3.610, 329.534

■ 6, 3.610, 329.534

■ 0, 3.610, 329.534

■ 66, 3.610, 329.534

■ 66, 3.610, 329.534

■ 62, 13.600,

■ 70, 6.222, 149.072

330.189

75, 15.822,
148.492

57, 23.642,
330.815

80, 25.157,
147.956

53, 33.561,
331.450

84, 34.212,
147.451

50, 43.109,
332.095

89, 42.986,
146.973

46, 51.952,
332.749

93, 50.044,
146.738

43, 59.689,
333.414

93, 48.940,
147.734

41, 65.894,
334.098

93, 47.844,
148.772

39, 70.206,
334.818

93, 46.757,
149.856

38, 72.458,
335.597

Harmonies

Complementary

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



66, 3.610, 329.534



67, 3.592, 149.248

Rectangle

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



66, 3.610, 329.534



66, 3.610, 19.534



66, 3.610, 149.534



66, 3.610, 199.534

Sweetspot

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



66, 3.608, 329.536



85, 1.231, 329.198



66, 3.358, 296.965



45, 0.699, 329.179



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, 3.608, 329.536



83, 4.912, 329.570



66, 2.558, 353.860



33, 2.784, 329.610



33, 66.908, 336.021



1, 8.380, 330.864

Inverse Universe

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



66, 3.608, 329.536



83, 4.912, 329.570



67, 2.528, 173.529



33, 2.784, 329.610



33, 66.908, 336.021



1, 8.380, 330.864

Previews

White Background



This preview shows how the CIELCh color 66, 3.610, 329.534 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, 3.610, 329.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

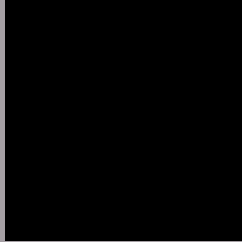
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

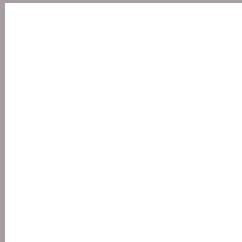
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 3.610, 329.534

Background



This preview shows how black text looks on a background with the CIELCh color 66, 3.610, 329.534.



This preview shows how white text looks on a background with the CIELCh color 66, 3.610, 329.534.

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, 3.610, 329.534

Protanopia

66, 2.357, 309.129

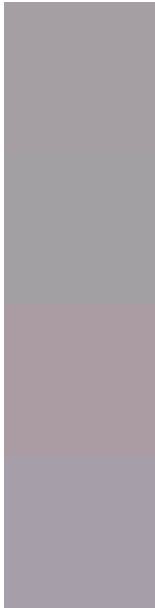
Deuteranopia

66, 8.844, 345.979



Tritanopia
66, 7.335, 314.935

Trichromacy



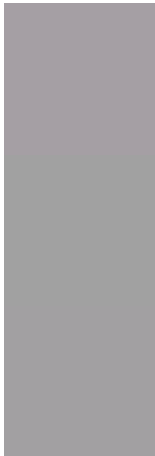
Original Color
66, 3.610, 329.534

Protanomaly
66, 2.508, 317.329

Deuteranomaly
66, 7.271, 342.547

Tritanomaly
66, 6.344, 319.040

Monochromacy



Original Color
66, 3.610, 329.534

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.358, 324.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 3.610, 329.534 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(165, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(165, 159, 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(165, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 159, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 3.610, 329.534 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(165, 159, 164) }
```

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

```
.border{ border-color:rgb(165, 159, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 159, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(165, 159,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 3.610, 329.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 159, 164) }
```

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

```
.background{ background-color: rgb(165,  
159, 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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