

Converting Colors

CIELCh(60, 4.047, 304.411)

Have a look what the booklet for
CIELCh(60, 4.047, 304.411) contains.

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Color

CIELCh(60, 3.489, 303.245)

Conversions

Conversions Part 1

Format	Color
Hex	929096
RGB	146, 144, 150
RGB Percent	57%, 56%, 59%
CMY	0.4287, 0.4365, 0.4130
CMYK	0.03, 0.04, 0.00, 0.41
HSL	260°, 3%, 58%
HSV	260°, 4%, 59%
XYZ	27.2014, 28.1233, 32.7131
YIQ	145.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

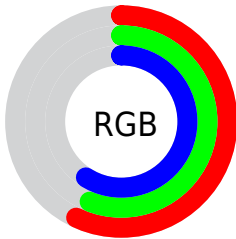
Format	Color
R_{YB}	146, 144, 150
Decimal	9605270
CIE Lab	60.00, 1.91, -2.92
CIE LCh	60, 3.489, 303.245
Yxy	28.1233, 0.3090, 0.3194
Android (android.graphics.Color)	4287795350 (0xFF929096)
YUV	145.2820, 2.3260, 0.6297
Hunter-Lab	53.0314, -1.2472, 0.5482

Details

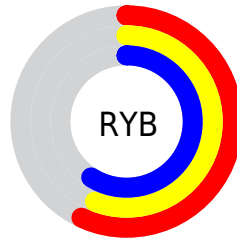
The CIELCh color **60, 3.489, 303.245** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 3.449, 122.844**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 3.293, 303.187**, and **40, 3.170, 305.717** is the 20% darker color. If you saturate the color by 10%, you get **55, 12.386, 303.822**, and if you desaturate by 10%, it is **65, 5.112, 122.751**.

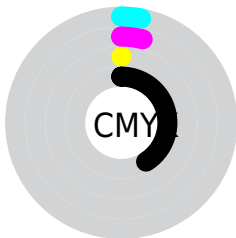
Distribution



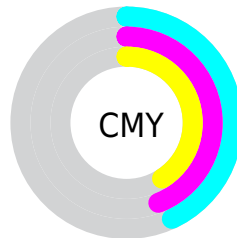
- Red (57%)
- Green (56%)
- Blue (59%)



- Red (57%)
- Yellow (56%)
- Blue (59%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (41%)



- Cyan (43%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 3.489, 303.245 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 60, 3.489, 303.245 by changing the saturation by 10% instead.

■ 60, 3.489, 303.245

■ 60, 3.489, 303.245

■ 100, 3.489,
303.245

■ 50, 3.489, 303.245

■ 80, 3.489, 303.245

■ 40, 3.489, 303.245

■ 90, 3.489, 303.245

■ 30, 3.489, 303.245

■ 20, 3.489, 303.245

■ 10, 3.489, 303.245

■ 0, 3.489, 303.245

■ 60, 3.489, 303.245

■ 60, 3.489, 303.245

■ 55, 12.386,
303.822

■ 65, 5.112, 122.751

■ 70, 13.423,

50, 21.583,
304.472

122.302

45, 31.063,
305.193

75, 21.458,
121.916

40, 40.775,
305.975

79, 29.232,
121.582

36, 50.603,
306.793

84, 36.760,
121.294

31, 60.318,
307.599

89, 44.059,
121.046

27, 69.505,
308.308

94, 51.140,
120.834

24, 77.508,
308.794

96, 53.626,
118.559

21, 83.495,
308.901

97, 52.870,
114.505

Harmonies

Complementary

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



60, 3.489, 303.245



62, 3.449, 122.844

Rectangle

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



60, 3.489, 303.245



60, 3.489, 353.245



60, 3.489, 123.245



60, 3.489, 173.245

Sweetspot

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



60, 3.487, 303.235



78, 1.076, 303.036



61, 1.883, 234.137



41, 0.611, 303.029



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 3.487, 303.235



75, 5.382, 303.298



60, 3.898, 319.437



30, 2.928, 303.321



17, 81.408, 309.016



0, 4.232, 303.036

Inverse Universe

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



60, 3.259, 335.838



76, 5.027, 335.932



61, 3.878, 139.176



30, 2.734, 335.966



30, 57.478, 346.785



1, 3.967, 335.650

Previews

White Background



This preview shows how the CIELCh color 60, 3.489, 303.245 looks on a white background.

Color Contrast Check

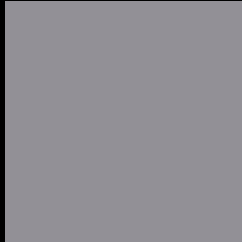
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 3.489, 303.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

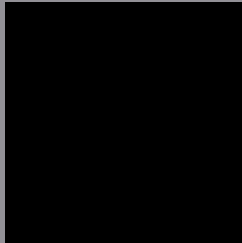
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

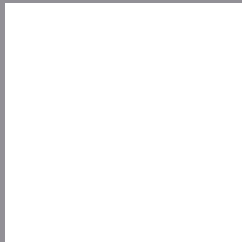
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 3.489, 303.245

Background



This preview shows how black text looks on a background with the CIELCh color 60, 3.489, 303.245.



This preview shows how white text looks on a background with the CIELCh color 60, 3.489, 303.245.

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


60, 3.489, 303.245

Protanopia

60, 3.489, 303.245

Deuteranopia

60, 8.421, 338.190



Tritanopia
60, 6.342, 301.195

Trichromacy



Original Color
60, 3.489, 303.245

Protanomaly
60, 3.489, 303.245

Deuteranomaly
60, 6.661, 330.295

Tritanomaly
60, 5.235, 303.355

Monochromacy



Original Color
60, 3.489, 303.245

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 1.135, 290.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 3.489, 303.245 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(146, 144, 150)` looks like.

```
.text, #text, p{  
    color:rgb(146, 144, 150)  
}
```

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(146, 144, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 144, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 3.489, 303.245 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(146, 144, 150) }
```

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

```
.border{ border-color:rgb(146, 144, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 144, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 144, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 144, 150);  
box-shadow:4px 4px 4px 4px rgb(146, 144,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 3.489, 303.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 144, 150) }
```

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

```
.background{ background-color: rgb(146,  
144, 150) }
```

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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