

Converting Colors

CIELCh(60, 2.697, 298.155)

Have a look what the booklet for
CIELCh(60, 2.697, 298.155) contains.

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Color

CIELCh(60, 2.861, 298.213)

Conversions

Conversions Part 1

Format	Color
Hex	919095
RGB	145, 144, 149
RGB Percent	57%, 56%, 58%
CMY	0.4315, 0.4354, 0.4158
CMYK	0.03, 0.03, 0.00, 0.42
HSL	252°, 2%, 57%
HSV	252°, 3%, 58%
XYZ	27.0628, 28.1233, 32.4232
YIQ	144.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

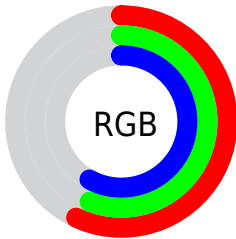
Format	Color
R_{YB}	145, 144, 149
Decimal	9539733
CIE _{Lab}	60.00, 1.35, -2.52
CIE _{LCh}	60, 2.861, 298.213
Yxy	28.1233, 0.3089, 0.3210
Android (android.graphics.Color)	4287729813 (0xFF919095)
YUV	144.8690, 2.0366, 0.1149
Hunter-Lab	53.0314, -1.7134, 0.8723

Details

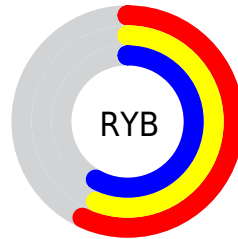
The CIELCh color $60, 2.861, 298.213$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 2.826, 117.763$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 2.700, 298.155$, and $40, 2.482, 300.140$ is the 20% darker color. If you saturate the color by 10%, you get $55, 11.573, 298.931$, and if you desaturate by 10%, it is $65, 5.538, 117.570$.

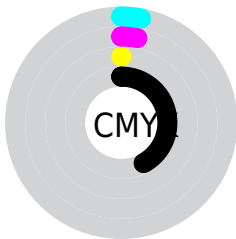
Distribution



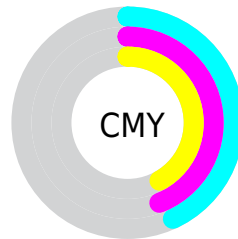
- Red (57%)
- Green (56%)
- Blue (58%)



- Red (57%)
- Yellow (56%)
- Blue (58%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (43%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 2.861, 298.213 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, 2.861, 298.213 by changing the saturation by 10% instead.

■ 60, 2.861, 298.213

■ 60, 2.861, 298.213

■ 100, 2.861,
298.213

■ 50, 2.861, 298.213

■ 80, 2.861, 298.213

■ 40, 2.861, 298.213

■ 90, 2.861, 298.213

■ 30, 2.861, 298.213

■ 20, 2.861, 298.213

■ 10, 2.861, 298.213

■ 0, 2.861, 298.213

■ 60, 2.861, 298.213

■ 60, 2.861, 298.213

■ 55, 11.573,
298.931

■ 65, 5.538, 117.570

■ 70, 13.636,

50, 20.619,
299.771

117.023

45, 30.000,
300.729

75, 21.454,
116.552

40, 39.696,
301.805

80, 29.010,
116.146

35, 49.636,
302.982

85, 36.320,
115.796

30, 59.635,
304.217

90, 43.400,
115.494

26, 69.304,
305.417

94, 50.265,
115.234

22, 77.937,
306.423

97, 52.939,
112.420

19, 84.510,
307.026

98, 52.608,
107.330

Harmonies

Complementary

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



60, 2.861, 298.213



61, 2.826, 117.763

Rectangle

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



60, 2.861, 298.213



60, 2.861, 348.213



60, 2.861, 118.213



60, 2.861, 168.213

Sweetspot

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



60, 2.859, 298.198



78, 1.058, 298.035



61, 1.639, 217.883



41, 0.600, 298.030



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, 2.859, 298.198



76, 4.228, 298.248



60, 3.133, 315.293



30, 2.397, 298.284



16, 83.157, 307.421



0, 4.160, 297.977

Inverse Universe

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



60, 2.993, 330.633



76, 4.423, 330.692



61, 3.111, 135.115



30, 2.506, 330.731



31, 62.824, 337.848



1, 4.369, 330.512

Previews

White Background



This preview shows how the CIELCh color 60, 2.861, 298.213 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, 2.861, 298.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

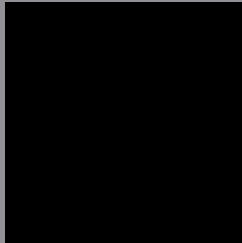
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

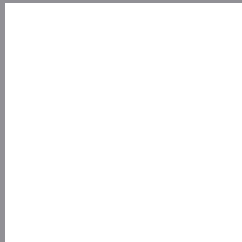
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 2.861, 298.213

Background



This preview shows how black text looks on a background with the CIELCh color 60, 2.861, 298.213.



This preview shows how white text looks on a background with the CIELCh color 60, 2.861, 298.213.

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, 2.861, 298.213

Protanopia

60, 2.942, 305.638

Deuteranopia

60, 8.421, 338.190



Tritanopia
60, 6.342, 301.195

Trichromacy



Original Color
60, 2.861, 298.213

Protanomaly
60, 2.942, 305.638

Deuteranomaly
60, 6.661, 330.295

Tritanomaly
60, 5.235, 303.355

Monochromacy



Original Color
60, 2.861, 298.213

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 0.571, 290.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 2.861, 298.213 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(145, 144, 149)` looks like.

```
.text, #text, p{  
    color:rgb(145, 144, 149)  
}
```

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(145, 144, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 144, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 2.861, 298.213 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(145, 144, 149) }
```

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

```
.border{ border-color:rgb(145, 144, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 144, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 144, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 144, 149);  
box-shadow:4px 4px 4px 4px rgb(145, 144,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 2.861, 298.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 144, 149) }
```

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

```
.background{ background-color: rgb(145,  
144, 149) }
```

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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