

Converting Colors

CIELCh(60, 1.207, 301.979)

Have a look what the booklet for
CIELCh(60, 1.207, 301.979) contains.

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Color

CIELCh(60, 1.205, 309.048)

Conversions

Conversions Part 1

Format	Color
Hex	919092
RGB	145, 144, 146
RGB Percent	57%, 56%, 57%
CMY	0.4306, 0.4345, 0.4267
CMYK	0.01, 0.01, 0.00, 0.43
HSL	270°, 1%, 57%
HSV	270°, 1%, 57%
XYZ	26.9166, 28.1233, 31.2823
YIQ	144.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

Format	Color
R_{YB}	145, 144, 146
Decimal	9539730
CIE Lab	60.00, 0.76, -0.94
CIE LCh	60, 1.205, 309.048
Yxy	28.1233, 0.3118, 0.3258
Android (android.graphics.Color)	4287729810 (0xFF919092)
YUV	144.5270, 0.7262, 0.4148
Hunter-Lab	53.0314, -2.2055, 2.1479

Details

The CIELCh color $60, 1.205, 309.048$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $60, 1.186, 129.067$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 1.139, 309.008$, and $40, 1.298, 309.099$ is the 20% darker color. If you saturate the color by 10%, you get $55, 10.102, 309.535$, and if you desaturate by 10%, it is $65, 7.435, 128.717$.

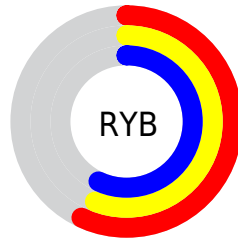
Distribution



Red (57%)

Green (56%)

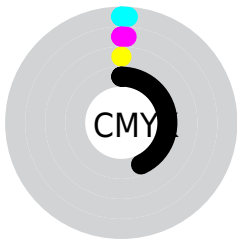
Blue (57%)



Red (57%)

Yellow (56%)

Blue (57%)



Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (43%)



Cyan (43%)

Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 1.205, 309.048 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, 1.205, 309.048 by changing the saturation by 10% instead.

■ 60, 1.205, 309.048

■ 60, 1.205, 309.048

■ 100, 1.205,
309.048

■ 50, 1.205, 309.048

■ 80, 1.205, 309.048

■ 40, 1.205, 309.048

■ 90, 1.205, 309.048

■ 30, 1.205, 309.048

■ 20, 1.205, 309.048

■ 10, 1.205, 309.048

■ 0, 1.205, 309.048

■ 60, 1.205, 309.048

■ 60, 1.205, 309.048

■ 55, 10.102,
309.535

■ 65, 7.435, 128.717

■ 69, 15.810,

51, 19.246,
310.020

128.354

46, 28.597,
310.534

74, 23.928,
128.037

42, 38.078,
311.065

78, 31.799,
127.758

38, 47.549,
311.586

83, 39.435,
127.515

33, 56.771,
312.055

87, 46.847,
127.304

30, 65.368,
312.407

92, 54.048,
127.122

26, 72.813,
312.553

94, 57.699,
126.005

24, 78.487,
312.386

95, 56.752,
123.478

Harmonies

Complementary

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



60, 1.205, 309.048



60, 1.186, 129.067

Rectangle

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



60, 1.205, 309.048



60, 1.205, 359.048



60, 1.205, 129.048



60, 1.205, 179.048

Sweetspot

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



60, 1.203, 309.025



77, 0.009, 296.813



60, 0.675, 254.196



41, 0.006, 296.813



89, 0.011, 296.813

Same Dimension

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



60, 1.203, 309.025



76, 2.190, 309.080



60, 1.374, 323.924



31, 1.004, 309.066



20, 78.728, 312.154



0, 4.367, 309.043

Inverse Universe

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



60, 0.969, 343.392



76, 1.765, 343.555



60, 1.360, 144.076



31, 0.809, 343.515



29, 53.716, 0.825



1, 3.521, 343.612

Previews

White Background



This preview shows how the CIELCh color 60, 1.205, 309.048 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, 1.205, 309.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

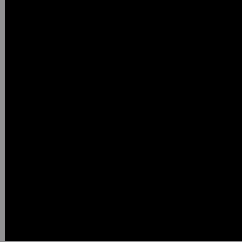
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

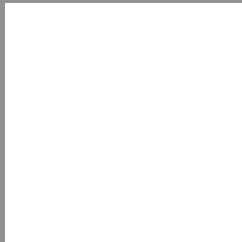
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 1.205, 309.048

Background



This preview shows how black text looks on a background with the CIELCh color 60, 1.205, 309.048.



This preview shows how white text looks on a background with the CIELCh color 60, 1.205, 309.048.

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, 1.205, 309.048

Protanopia

60, 1.636, 335.634

Deuteranopia

60, 7.754, 349.610



Tritanopia
60, 6.342, 301.195

Trichromacy



Original Color

60, 1.205, 309.048

Protanomaly

60, 1.383, 324.367

Deuteranomaly

60, 5.153, 346.712

Tritanomaly

60, 4.685, 304.839

Monochromacy



Original Color

60, 1.205, 309.048

Achromatopsia

60, 0.008, 296.813

Achromatomaly

60, 0.008, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 1.205, 309.048 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(145, 144, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 144, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 1.205, 309.048 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, 146) }
```

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

```
.border{ border-color:rgb(145, 144, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 144, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 144, 146);  
box-shadow:4px 4px 4px 4px rgb(145, 144,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 1.205, 309.048 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, 146) }
```

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

```
.background{ background-color: rgb(145,  
144, 146) }
```

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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