

Converting Colors

CIELCh(60, 12.228, 304.064)

Have a look what the booklet for
CIELCh(60, 12.228, 304.064)
contains.

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Color

CIELCh(60, 12.297, 305.476)

Conversions

Conversions Part 1

Format	Color
Hex	958DA2
RGB	149, 141, 162
RGB Percent	58%, 55%, 64%
CMY	0.4150, 0.4464, 0.3640
CMYK	0.08, 0.13, 0.00, 0.36
HSL	263°, 10%, 59%
HSV	263°, 13%, 64%
XYZ	28.5157, 28.1233, 38.1924
YIQ	145.7860, -1.9730, 8.2270

Conversions

Conversions Part 2

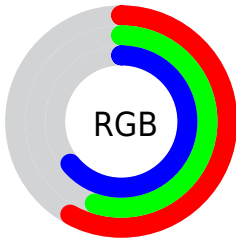
Format	Color
RYB	149, 141, 162
Decimal	9801122
CIELab	60.00, 7.14, -10.01
CIElCh	60, 12.297, 305.476
Yxy	28.1233, 0.3007, 0.2966
Android (android.graphics.Color)	4287991202 (0xFF958DA2)
YUV	145.7860, 7.9935, 2.8187
Hunter-Lab	53.0314, 3.1769, -5.5777

Details

The CIELCh color $60, 12.297, 305.476$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 12.029, 124.167$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 12.117, 304.709$, and $40, 11.980, 305.246$ is the 20% darker color. If you saturate the color by 10%, you get $55, 22.137, 306.068$, and if you desaturate by 10%, it is $65, 2.761, 304.926$.

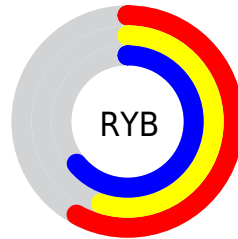
Distribution



Red (58%)

Green (55%)

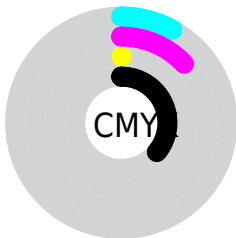
Blue (64%)



Red (58%)

Yellow (55%)

Blue (64%)

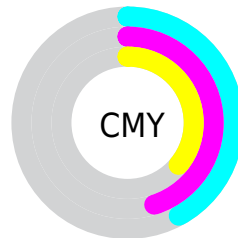


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 12.297, 305.476 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, 12.297, 305.476 by changing the saturation by 10% instead.

■ 60, 12.297,
305.476

■ 60, 12.297,
305.476

■ 100, 12.297,
305.476

■ 50, 12.297,
305.476

■ 80, 12.297,
305.476

■ 40, 12.297,
305.476

■ 90, 12.297,
305.476

■ 30, 12.297,
305.476

■ 20, 12.297,
305.476

■ 10, 12.297,
305.476

■ 0, 12.297, 305.476

■ 60, 12.297,

■ 60, 12.297,

305.476

■ 55, 22.137,
306.068

■ 50, 32.261,
306.719

■ 45, 42.604,
307.417

■ 40, 53.034,
308.135

■ 35, 63.298,
308.826

■ 31, 72.959,
309.410

■ 27, 81.344,
309.770

■ 24, 87.620,
309.760

305.476

■ 65, 2.761, 304.926

■ 70, 6.462, 124.492

■ 75, 15.382,
124.075

■ 81, 24.011,
123.715

■ 86, 32.363,
123.404

■ 91, 40.454,
123.135

■ 96, 48.299,
122.904

■ 96, 47.450,
118.632

■ 22, 91.080,
309.638

■ 97, 46.742,
114.039

Harmonies

Complementary

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



60, 12.297, 305.476



66, 12.029, 124.167

Rectangle

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



60, 12.297, 305.476



60, 12.297, 355.476



60, 12.297, 125.476



60, 12.297, 175.476

Sweetspot

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



60, 12.295, 305.474



82, 4.655, 304.989



63, 6.441, 241.213



43, 3.338, 305.029



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 12.295, 305.474



75, 18.969, 305.667



61, 13.745, 321.348



32, 5.367, 305.270



20, 83.956, 309.735



1, 8.192, 303.482

Inverse Universe

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



61, 10.955, 338.678



76, 16.853, 338.946



65, 13.682, 140.134



32, 4.794, 338.387



31, 58.205, 350.676



1, 7.104, 340.440

Previews

White Background



This preview shows how the CIELCh color 60, 12.297, 305.476 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, 12.297, 305.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

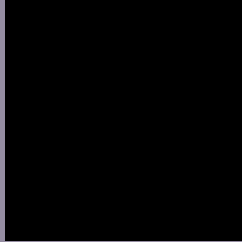
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 12.297, 305.476

Background



This preview shows how black text looks on a background with the CIELCh color 60, 12.297, 305.476.



This preview shows how white text looks on a background with the CIELCh color 60, 12.297, 305.476.

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, 12.297, 305.476

Protanopia

60, 11.884, 287.998

Deuteranopia

60, 12.394, 307.158



Tritanopia
60, 6.528, 307.776

Trichromacy



Original Color
60, 12.297, 305.476

Protanomaly
60, 11.922, 295.048

Deuteranomaly
60, 12.394, 307.158

Tritanomaly
60, 8.814, 305.966

Monochromacy



Original Color
60, 12.297, 305.476

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 4.680, 304.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 12.297, 305.476 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(149, 141, 162)` looks like.

```
.text, #text, p{  
    color:rgb(149, 141, 162)  
}
```

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(149, 141, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 141, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 12.297, 305.476 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(149, 141, 162) }
```

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

```
.border{ border-color:rgb(149, 141, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 141, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 141, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 141, 162);  
box-shadow:4px 4px 4px 4px rgb(149, 141,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 12.297, 305.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 141, 162) }
```

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

```
.background{ background-color: rgb(149,  
141, 162) }
```

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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