

Converting Colors

CIELCh(60, 38.464, 302.262)

Have a look what the booklet for
CIELCh(60, 38.464, 302.262)
contains.

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Color

CIELCh(60, 38.373, 302.076)

Conversions

Conversions Part 1

Format	Color
Hex	9787CA
RGB	151, 135, 202
RGB Percent	59%, 53%, 79%
CMY	0.4083, 0.4710, 0.2083
CMYK	0.25, 0.33, 0.00, 0.21
HSL	254°, 39%, 66%
HSV	254°, 33%, 79%
XYZ	32.0355, 28.1233, 59.5414
YIQ	147.4220, -11.9710, 24.2290

Conversions

Conversions Part 2

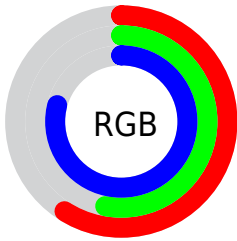
Format	Color
R_{YB}	151, 135, 202
Decimal	9930698
CIE _{Lab}	60.00, 20.38, -32.52
CIE _{LCh}	60, 38.373, 302.076
Yxy	28.1233, 0.2676, 0.2349
Android (android.graphics.Color)	4288120778 (0xFF9787CA)
YUV	147.4220, 26.9070, 3.1379
Hunter-Lab	53.0314, 15.0241, -29.4462

Details

The CIELCh color $60, 38.373, 302.076$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 35.691, 117.363$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 36.388, 302.495$, and $40, 38.724, 301.919$ is the 20% darker color. If you saturate the color by 10%, you get $54, 50.803, 303.084$, and if you desaturate by 10%, it is $66, 26.322, 301.172$.

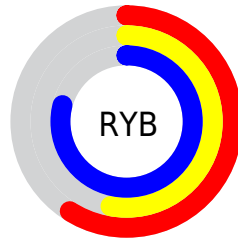
Distribution



Red (59%)

Green (53%)

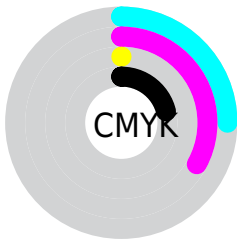
Blue (79%)



Red (59%)

Yellow (53%)

Blue (79%)

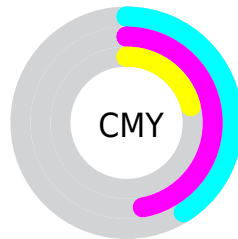


Cyan (25%)

Magenta (33%)

Yellow (0%)

Black (21%)



Cyan (41%)

Magenta (47%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 38.373, 302.076 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, 38.373, 302.076 by changing the saturation by 10% instead.

■ 60, 38.373,
302.076

■ 60, 38.373,
302.076

■ 100, 38.373,
302.076

■ 50, 38.373,
302.076

■ 80, 38.373,
302.076

■ 40, 38.373,
302.076

■ 90, 38.373,
302.076

■ 30, 38.373,
302.076

■ 20, 38.373,
302.076

■ 10, 38.373,
302.076

■ 0, 38.373, 302.076

■ 60, 38.373,

■ 60, 38.373,

302.076

54, 50.803,
303.084

47, 63.496,
304.174

42, 76.173,
305.296

36, 88.269,
306.346

31, 98.806,
307.159

28, 106.465,
307.528

26, 110.032,
307.573

302.076

66, 26.322,
301.172

73, 14.694,
300.375

79, 3.489, 299.675

86, 7.308, 119.084

92, 17.717,
118.563

98, 27.211,
117.544

99, 26.796,
108.143

Harmonies

Complementary

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



60, 38.373, 302.076



79, 35.691, 117.363

Rectangle

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



60, 38.373, 302.076



60, 38.373, 352.076



60, 38.373, 122.076



60, 38.373, 172.076

Sweetspot

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



60, 38.372, 302.076



92, 13.400, 300.152



73, 18.588, 225.658



48, 9.165, 300.255



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 38.372, 302.076



69, 56.636, 302.809



63, 41.127, 318.200



40, 6.333, 300.100



21, 94.891, 307.681



2, 23.779, 298.576

Inverse Universe

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



64, 37.190, 334.159



76, 53.863, 334.709



76, 40.262, 135.128



40, 6.382, 332.493



37, 69.785, 340.486



5, 23.883, 337.336

Previews

White Background



This preview shows how the CIELCh color 60, 38.373, 302.076 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 CIELCh color 60, 38.373, 302.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

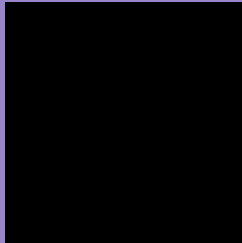
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 38.373, 302.076

Background



This preview shows how black text looks on a background with the CIELCh color 60, 38.373, 302.076.



This preview shows how white text looks on a background with the CIELCh color 60, 38.373, 302.076.

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, 38.373, 302.076

Protanopia

60, 37.443, 285.820

Deuteranopia

60, 32.420, 284.201



Tritanopia
60, 6.810, 284.644

Trichromacy



Original Color
60, 38.373, 302.076

Protanomaly
60, 37.863, 291.925

Deuteranomaly
60, 34.469, 291.283

Tritanomaly
60, 18.196, 296.689

Monochromacy



Original Color
60, 38.373, 302.076

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 13.711, 299.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 38.373, 302.076 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(151, 135, 202)` looks like.

```
.text, #text, p{  
    color:rgb(151, 135, 202)  
}
```

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(151, 135, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 135, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 38.373, 302.076 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(151, 135, 202) }
```

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

```
.border{ border-color:rgb(151, 135, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 135, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 135, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 135, 202); box-shadow:4px 4px 4px 4px rgb(151, 135, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 38.373, 302.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 135, 202) }
```

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

```
.background{ background-color: rgb(151,  
135, 202) }
```

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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