

Converting Colors

CIELCh(60, 23.844, 325.102)

Have a look what the booklet for
CIELCh(60, 23.844, 325.102)
contains.

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Color

CIELCh(60, 24.191, 324.800)

Conversions

Conversions Part 1

Format	Color
Hex	A885A9
RGB	168, 133, 169
RGB Percent	66%, 52%, 66%
CMY	0.3397, 0.4770, 0.3357
CMYK	0.01, 0.21, 0.00, 0.34
HSL	298°, 17%, 59%
HSV	298°, 21%, 66%
XYZ	31.8672, 28.1233, 41.4749
YIQ	147.5690, 9.3040, 18.6160

Conversions

Conversions Part 2

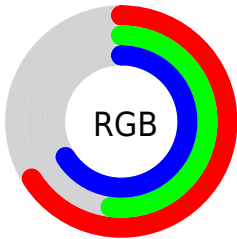
Format	Color
RYB	168, 133, 169
Decimal	11044265
CIELab	60.00, 19.77, -13.94
CIElCh	60, 24.191, 324.800
Yxy	28.1233, 0.3141, 0.2772
Android (android.graphics.Color)	4289234345 (0xFFA885A9)
YUV	147.5690, 10.5655, 17.9180
Hunter-Lab	53.0314, 14.4578, -9.2476

Details

The CIELCh color $60, 24.191, 324.800$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $66, 24.148, 142.407$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 24.215, 324.631$, and $40, 24.410, 325.102$ is the 20% darker color. If you saturate the color by 10%, you get $56, 35.522, 325.310$, and if you desaturate by 10%, it is $64, 12.764, 324.272$.

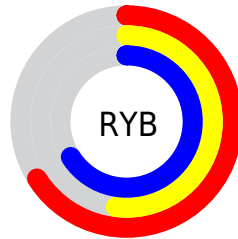
Distribution



Red (66%)

Green (52%)

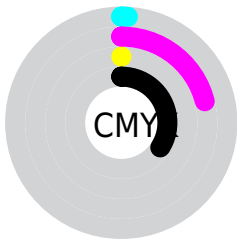
Blue (66%)



Red (66%)

Yellow (52%)

Blue (66%)

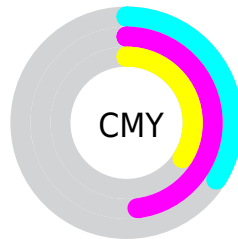


Cyan (1%)

Magenta (21%)

Yellow (0%)

Black (34%)



Cyan (34%)


Magenta (48%)


Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 24.191, 324.800 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, 24.191, 324.800 by changing the saturation by 10% instead.

 60, 24.191,
324.800


 60, 24.191,
324.800

 100, 24.191,
324.800

 50, 24.191,
324.800


 80, 24.191,
324.800

 40, 24.191,
324.800

 90, 24.191,
324.800

 30, 24.191,
324.800

 20, 24.191,
324.800

 10, 24.191,
324.800

 0, 24.191, 324.800

 60, 24.191,

 60, 24.191,

324.800

324.800

56, 35.522,
325.310

64, 12.764,
324.272

52, 46.512,
325.791

69, 1.424, 323.614

49, 56.825,
326.225

73, 9.716, 143.282

45, 66.054,
326.594

78, 20.586,
142.776

43, 73.763,
326.879

83, 31.149,
142.300

41, 79.569,
327.065


87, 41.387,
141.851

40, 83.267,
327.145

92, 51.300,
141.428

39, 85.170,
327.148

93, 52.978,
141.250

 93, 52.887,
141.122

Harmonies

Complementary

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



60, 24.191, 324.800



66, 24.148, 142.407

Rectangle

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



60, 24.191, 324.800



60, 24.191, 14.800



60, 24.191, 144.800



60, 24.191, 194.800

Sweetspot

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



60, 24.189, 324.800



84, 8.366, 323.989



57, 19.871, 291.253



44, 5.543, 324.024



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 24.189, 324.800



74, 36.502, 325.068



60, 17.693, 343.669



33, 6.374, 324.165



34, 77.089, 327.160



2, 11.528, 323.397

Inverse Universe

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



59, 14.697, 18.754



72, 22.594, 19.317



66, 17.305, 160.106



33, 3.724, 17.662



30, 68.038, 38.251



1, 6.579, 17.421

Previews

White Background



This preview shows how the CIELCh color 60, 24.191, 324.800 looks on a white background.

Color Contrast Check

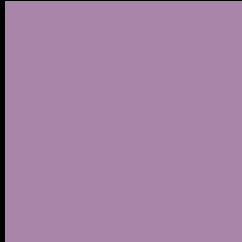
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.191, 324.800 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, 24.191, 324.800

Background



This preview shows how black text looks on a background with the CIELCh color 60, 24.191, 324.800.



This preview shows how white text looks on a background with the CIELCh color 60, 24.191, 324.800.

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, 24.191, 324.800

Protanopia

60, 18.717, 285.838

Deuteranopia

60, 15.535, 301.317



Tritanopia
60, 12.627, 351.416

Trichromacy



Original Color
60, 24.191, 324.800

Protanomaly
60, 20.151, 301.550

Deuteranomaly
60, 18.707, 311.537

Tritanomaly
60, 16.165, 336.935

Monochromacy



Original Color
60, 24.191, 324.800

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.685, 322.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 24.191, 324.800 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(168, 133, 169)` looks like.

```
.text, #text, p{  
    color:rgb(168, 133, 169)  
}
```

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(168, 133, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 133, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 24.191, 324.800 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(168, 133, 169) }
```

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

```
.border{ border-color:rgb(168, 133, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 133, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 133, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 133, 169);  
box-shadow:4px 4px 4px 4px rgb(168, 133,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 24.191, 324.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 133, 169) }
```

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

```
.background{ background-color: rgb(168,  
133, 169) }
```

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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