

Converting Colors

CIELCh(60, 23.080, 325.527)

Have a look what the booklet for
CIELCh(60, 23.080, 325.527)
contains.

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Color

CIELCh(60, 23.054, 325.521)

Conversions

Conversions Part 1

Format	Color
Hex	A886A8
RGB	168, 134, 168
RGB Percent	66%, 53%, 66%
CMY	0.3419, 0.4752, 0.3419
CMYK	0.00, 0.20, 0.00, 0.34
HSL	300°, 16%, 59%
HSV	300°, 20%, 66%
XYZ	31.6576, 28.1233, 40.7128
YIQ	148.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

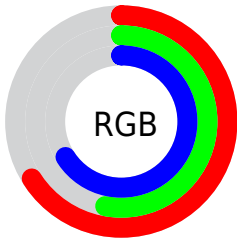
Format	Color
R_{YB}	168, 134, 168
Decimal	11044520
CIE Lab	60.00, 19.00, -13.05
CIE LCh	60, 23.054, 325.521
Yxy	28.1233, 0.3150, 0.2799
Android (android.graphics.Color)	4289234600 (0xFFA886A8)
YUV	148.0420, 9.8393, 17.5032
Hunter-Lab	53.0314, 13.7522, -8.3955

Details

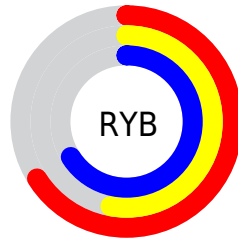
The CIELCh color $60, 23.054, 325.521$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $66, 23.036, 143.168$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 23.134, 325.316$, and $40, 23.203, 325.864$ is the 20% darker color. If you saturate the color by 10%, you get $56, 34.384, 326.051$, and if you desaturate by 10%, it is $64, 11.630, 324.974$.

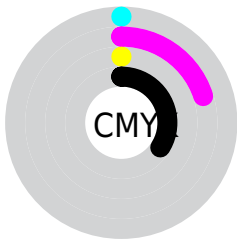
Distribution



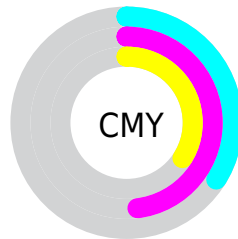
- Red (66%)
- Green (53%)
- Blue (66%)



- Red (66%)
- Yellow (53%)
- Blue (66%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)





- Cyan (34%)
- Magenta (48%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 23.054, 325.521 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, 23.054, 325.521 by changing the saturation by 10% instead.


 60, 23.054,
325.521


 60, 23.054,
325.521


 100, 23.054,
325.521


 50, 23.054,
325.521


 80, 23.054,
325.521

 40, 23.054,
325.521

 90, 23.054,
325.521

 30, 23.054,
325.521

 20, 23.054,
325.521

 10, 23.054,
325.521

 0, 23.054, 325.521

 60, 23.054,

 60, 23.054,

325.521

56, 34.384,
326.051

52, 45.376,
326.553

49, 55.695,
327.014

46, 64.941,
327.416

43, 72.687,
327.746

42, 78.563,
327.990

40, 82.365,
328.146

40, 84.478,
328.231

325.521

64, 11.630,
324.974

69, 0.295, 323.687

73, 10.837,
143.949

78, 21.694,
143.427

82, 32.239,
142.933

87, 42.454,
142.466

92, 52.338,
142.025

93, 54.481,
141.932

■ 93, 54.481,
141.932

Harmonies

Complementary

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



60, 23.054, 325.521



66, 23.036, 143.168

Rectangle

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



60, 23.054, 325.521



60, 23.054, 15.521



60, 23.054, 145.521



60, 23.054, 195.521

Sweetspot

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



60, 23.052, 325.521



84, 8.439, 324.737



57, 19.087, 291.782



44, 5.591, 324.773



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, 23.052, 325.521



75, 33.962, 325.745



59, 16.537, 344.470



33, 6.429, 324.920



35, 76.993, 328.231



2, 11.673, 324.438

Inverse Universe

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



59, 13.874, 20.822



73, 20.766, 21.233



66, 16.160, 161.049



33, 3.724, 19.904



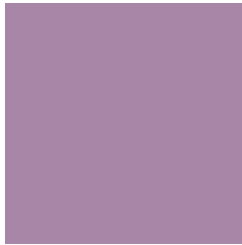
30, 69.026, 39.358



1, 6.572, 19.403

Previews

White Background



This preview shows how the CIELCh color 60, 23.054, 325.521 looks on a white background.

Color Contrast Check

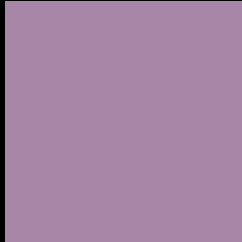
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.054, 325.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

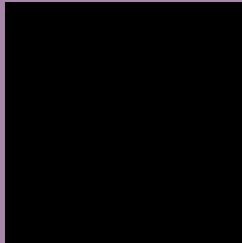
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 23.054, 325.521

Background



This preview shows how black text looks on a background with the CIELCh color 60, 23.054, 325.521.



This preview shows how white text looks on a background with the CIELCh color 60, 23.054, 325.521.

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, 23.054, 325.521

Protanopia

60, 17.569, 286.391

Deuteranopia

60, 14.496, 303.428



Tritanopia
60, 12.627, 351.416

Trichromacy



Original Color
60, 23.054, 325.521

Protanomaly
60, 18.461, 302.291

Deuteranomaly
60, 17.789, 313.889

Tritanomaly
60, 15.794, 338.430

Monochromacy



Original Color
60, 23.054, 325.521

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.217, 324.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 23.054, 325.521 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, 134, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 134, 168)  
}
```

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, 134, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 134, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 23.054, 325.521 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, 134, 168) }
```

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

```
.border{ border-color:rgb(168, 134, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 134, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 134, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 134, 168);  
box-shadow:4px 4px 4px 4px rgb(168, 134,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 23.054, 325.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 134, 168) }
```

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

```
.background{ background-color: rgb(168,  
134, 168) }
```

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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