

Converting Colors

CIELCh(60, 34.347, 294.352)

Have a look what the booklet for
CIELCh(60, 34.347, 294.352)
contains.

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Color

CIELCh(60, 34.502, 294.463)

Conversions

Conversions Part 1

Format	Color
Hex	8C8BC8
RGB	140, 139, 200
RGB Percent	55%, 55%, 78%
CMY	0.4518, 0.4557, 0.2165
CMYK	0.30, 0.31, 0.00, 0.22
HSL	241°, 36%, 66%
HSV	241°, 31%, 78%
XYZ	30.3826, 28.1233, 58.3368
YIQ	146.2530, -18.9850, 19.1830

Conversions

Conversions Part 2

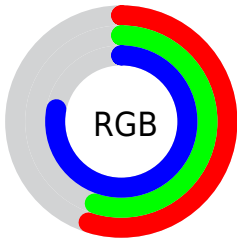
Format	Color
R_{YB}	140, 139, 200
Decimal	9210824
CIE _{Lab}	60.00, 14.29, -31.40
CIE _{LCh}	60, 34.502, 294.463
Yxy	28.1233, 0.2600, 0.2407
Android (android.graphics.Color)	4287400904 (0xFF8C8BC8)
YUV	146.2530, 26.4973, -5.4839
Hunter-Lab	53.0314, 9.4607, -28.0995

Details

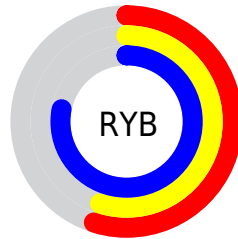
The CIELCh color $60, 34.502, 294.463$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 32.038, 107.960$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 33.670, 294.743$, and $40, 34.728, 294.672$ is the 20% darker color. If you saturate the color by 10%, you get $53, 46.789, 296.089$, and if you desaturate by 10%, it is $67, 22.717, 293.067$.

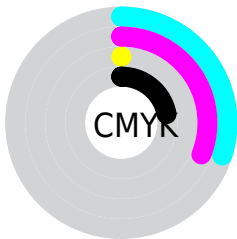
Distribution



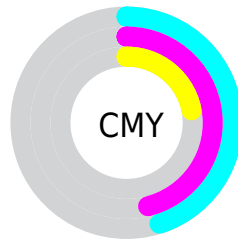
- Red (55%)
- Green (55%)
- Blue (78%)



- Red (55%)
- Yellow (55%)
- Blue (78%)



- Cyan (30%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)





- Cyan (45%)
- Magenta (46%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.502, 294.463 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, 34.502, 294.463 by changing the saturation by 10% instead.


 60, 34.502,
294.463


 60, 34.502,
294.463


 100, 34.502,
294.463


 50, 34.502,
294.463


 80, 34.502,
294.463

 40, 34.502,
294.463

 90, 34.502,
294.463


 30, 34.502,
294.463

 20, 34.502,
294.463

 10, 34.502,
294.463

 0, 34.502, 294.463

 60, 34.502,

 60, 34.502,

294.463

■ 53, 46.789,
296.089

■ 47, 59.557,
297.949

■ 40, 72.646,
300.001

■ 35, 85.595,
302.121

■ 30, 97.368,
304.071

■ 26, 106.275,
305.522

■ 24, 111.270,
306.331

294.463

■ 67, 22.717,
293.067

■ 73, 11.417,
291.882

■ 80, 0.567, 290.970

■ 87, 9.865, 110.004

■ 93, 19.912,
109.277

■ 99, 27.843,
108.063

Harmonies

Complementary

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



60, 34.502, 294.463



79, 32.038, 107.960

Rectangle

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



60, 34.502, 294.463



60, 34.502, 344.463



60, 34.502, 114.463



60, 34.502, 164.463

Sweetspot

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



60, 34.501, 294.463



93, 11.869, 291.731



77, 20.366, 197.908



48, 8.271, 291.890



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, 34.501, 294.463



70, 51.748, 295.578



63, 35.898, 310.550



38, 6.116, 291.758



19, 95.740, 306.343



1, 21.516, 292.176

Inverse Universe

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



66, 39.539, 326.536



78, 58.117, 326.902



77, 34.402, 127.654



39, 7.301, 325.370



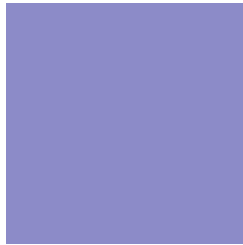
38, 81.722, 328.883



4, 26.375, 327.550

Previews

White Background



This preview shows how the CIE LCh color 60, 34.502, 294.463 looks on a white background.

Color Contrast Check

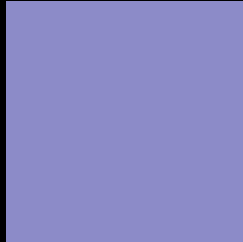
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.502, 294.463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

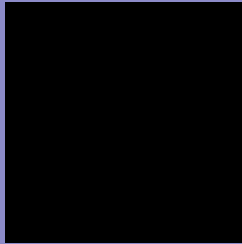
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 34.502, 294.463

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.502, 294.463.



This preview shows how white text looks on a background with the CIELCh color 60, 34.502, 294.463.

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

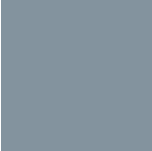
60, 34.502, 294.463

Protanopia

60, 34.624, 285.677

Deuteranopia

60, 31.831, 284.484



Tritanopia
60, 8.408, 246.868

Trichromacy



Original Color
60, 34.502, 294.463

Protanomaly
60, 34.502, 288.691

Deuteranomaly
60, 32.812, 288.738

Tritanomaly
60, 16.661, 279.875

Monochromacy



Original Color
60, 34.502, 294.463

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 13.013, 293.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.502, 294.463 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(140, 139, 200)` looks like.

```
.text, #text, p{  
    color:rgb(140, 139, 200)  
}
```

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(140, 139, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 139, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.502, 294.463 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(140, 139, 200) }
```

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

```
.border{ border-color:rgb(140, 139, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 139, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 139, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 139, 200);  
box-shadow:4px 4px 4px 4px rgb(140, 139,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.502, 294.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 139, 200) }
```

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

```
.background{ background-color: rgb(140,  
139, 200) }
```

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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