

Converting Colors

CIELCh(61, 24.459, 318.029)

Have a look what the booklet for
CIELCh(61, 24.459, 318.029)
contains.

CIELCh(61, 24.486, 318.034)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 24.486, 318.034)

Conversions

Conversions Part 1

Format	Color
Hex	A689B0
RGB	166, 137, 176
RGB Percent	65%, 54%, 69%
CMY	0.3479, 0.4617, 0.3087
CMYK	0.06, 0.22, 0.00, 0.31
HSL	285°, 20%, 61%
HSV	285°, 22%, 69%
XYZ	32.6299, 29.2481, 45.1423
YIQ	150.1170, 4.7650, 18.2770

Conversions

Conversions Part 2

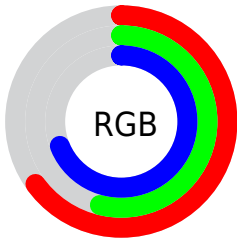
Format	Color
R_{YB}	166, 137, 176
Decimal	10914224
CIE _{Lab}	61.00, 18.21, -16.37
CIE _{LCh}	61, 24.486, 318.034
Yxy	29.2481, 0.3049, 0.2733
Android (android.graphics.Color)	4289104304 (0xFFA689B0)
YUV	150.1170, 12.7603, 13.9294
Hunter-Lab	54.0815, 13.0546, -11.6328

Details

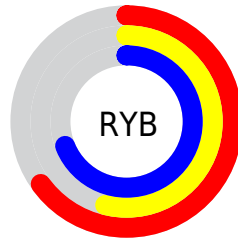
The CIELCh color $61, 24.486, 318.034$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $69, 24.152, 136.065$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 24.298, 317.480$, and $41, 24.250, 318.503$ is the 20% darker color. If you saturate the color by 10%, you get $56, 35.724, 318.465$, and if you desaturate by 10%, it is $66, 13.311, 317.595$.

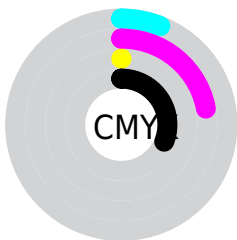
Distribution



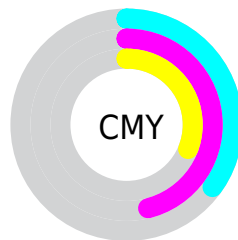
- Red (65%)
- Green (54%)
- Blue (69%)



- Red (65%)
- Yellow (54%)
- Blue (69%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (31%)





- Cyan (35%)
- Magenta (46%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 24.486, 318.034 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 61, 24.486, 318.034 by changing the saturation by 10% instead.


 61, 24.486,
318.034


 61, 24.486,
318.034


 100, 24.486,
318.034


 51, 24.486,
318.034


 81, 24.486,
318.034

 41, 24.486,
318.034

 91, 24.486,
318.034

 31, 24.486,
318.034

 21, 24.486,
318.034

 11, 24.486,
318.034

 1, 24.486, 318.034

 0, 24.486, 318.034

61, 24.486,
318.034

61, 24.486,
318.034

56, 35.724,
318.465

66, 13.311,
317.595

52, 46.846,
318.870

71, 2.318, 317.111

76, 8.426, 136.805

47, 57.577,
319.222

81, 18.888,
136.417

43, 67.527,
319.481

86, 29.053,
136.064

40, 76.205,
319.599

91, 38.919,
135.742

37, 83.071,
319.521

95, 45.194,
134.994

35, 87.688,
319.196

95, 44.422,
133.240

34, 90.065,

318.807

 95, 43.688,
131.398

Harmonies

Complementary

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



61, 24.486, 318.034



69, 24.152, 136.065

Rectangle

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



61, 24.486, 318.034



61, 24.486, 8.034



61, 24.486, 138.034



61, 24.486, 188.034

Sweetspot

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



61, 24.484, 318.034



87, 9.475, 317.373



61, 16.399, 279.132



46, 6.154, 317.399



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 24.484, 318.034



75, 37.137, 318.266



62, 22.328, 333.145



35, 6.262, 317.472



29, 81.101, 318.901



2, 14.651, 314.061

Inverse Universe

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



61, 16.439, 1.320



75, 25.108, 2.009



68, 22.207, 150.137



35, 4.135, 359.866



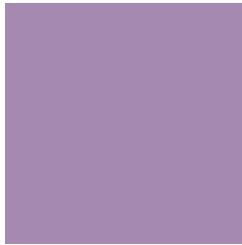
32, 60.916, 24.018



2, 9.562, 3.401

Previews

White Background



This preview shows how the CIELCh color 61, 24.486, 318.034 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 61, 24.486, 318.034 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 61, 24.486, 318.034

Background



This preview shows how black text looks on a background with the CIELCh color 61, 24.486, 318.034.



This preview shows how white text looks on a background with the CIELCh color 61, 24.486, 318.034.

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

61, 24.486, 318.034

Protanopia

61, 20.348, 285.597

Deuteranopia

61, 17.568, 296.759



Tritanopia
61, 10.249, 343.406

Trichromacy



Original Color
61, 24.486, 318.034

Protanomaly
61, 21.020, 298.223

Deuteranomaly
61, 19.270, 306.279

Tritanomaly
61, 14.980, 328.873

Monochromacy



Original Color
61, 24.486, 318.034

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 9.456, 317.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 24.486, 318.034 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(166, 137, 176)` looks like.

```
.text, #text, p{  
    color:rgb(166, 137, 176)  
}
```

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(166, 137, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 137, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 24.486, 318.034 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(166, 137, 176) }
```

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

```
.border{ border-color:rgb(166, 137, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 137, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 137, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 137, 176);  
box-shadow:4px 4px 4px 4px rgb(166, 137,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 24.486, 318.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 137, 176) }
```

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

```
.background{ background-color: rgb(166,  
137, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor