

Converting Colors

CIELCh(58, 26.448, 329.447)

Have a look what the booklet for
CIELCh(58, 26.448, 329.447)
contains.

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Color

CIELCh(58, 26.265, 329.304)

Conversions

Conversions Part 1

Format	Color
Hex	A87EA3
RGB	168, 126, 163
RGB Percent	66%, 49%, 64%
CMY	0.3405, 0.5052, 0.3601
CMYK	0.00, 0.25, 0.03, 0.34
HSL	307°, 19%, 58%
HSV	307°, 25%, 66%
XYZ	30.2965, 25.9610, 38.1481
YIQ	142.7760, 13.1550, 20.4110

Conversions

Conversions Part 2

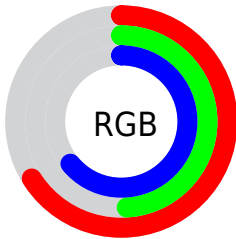
Format	Color
R_{YB}	168, 126, 163
Decimal	11042467
CIE _{Lab}	58.00, 22.58, -13.41
CIE _{LCh}	58, 26.265, 329.304
Yxy	25.9610, 0.3209, 0.2750
Android (android.graphics.Color)	4289232547 (0xFFA87EA3)
YUV	142.7760, 9.9704, 22.1214
Hunter-Lab	50.9519, 16.9721, -8.7245

Details

The CIELCh color $58, 26.265, 329.304$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $65, 26.214, 146.150$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 26.400, 329.497$, and $38, 26.362, 329.230$ is the 20% darker color. If you saturate the color by 10%, you get $54, 36.641, 329.901$, and if you desaturate by 10%, it is $62, 15.716, 328.708$.

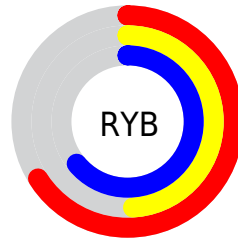
Distribution



Red (66%)

Green (49%)

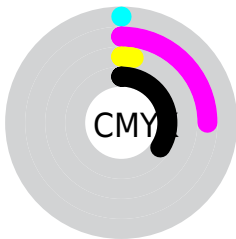
Blue (64%)



Red (66%)

Yellow (49%)

Blue (64%)

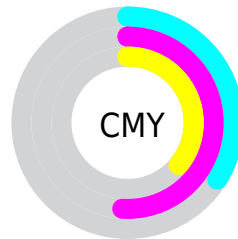


Cyan (0%)

Magenta (25%)

Yellow (3%)

Black (34%)



Cyan (34%)


Magenta (51%)

Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 26.265, 329.304 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 58, 26.265, 329.304 by changing the saturation by 10% instead.


 58, 26.265,
329.304


 58, 26.265,
329.304


 100, 26.265,
329.304


 48, 26.265,
329.304


 78, 26.265,
329.304

 38, 26.265,
329.304

 88, 26.265,
329.304

 28, 26.265,
329.304

 98, 26.265,
329.304

 18, 26.265,
329.304

 8, 26.265, 329.304

 0, 26.265, 329.304

58, 26.265,
329.304

58, 26.265,
329.304

54, 36.641,
329.901

62, 15.716,
328.708

50, 46.577,
330.492

67, 5.193, 328.095

47, 55.717,
331.074

71, 5.177, 147.628

44, 63.641,
331.641

76, 15.317,
147.052

42, 69.920,
332.194

81, 25.182,
146.524

40, 74.219,
332.742

85, 34.754,
146.025

39, 76.423,
333.298

90, 44.029,
145.552

39, 77.123,

93, 49.711,
145.492

333.580

 93, 48.895,
146.202

Harmonies

Complementary

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



58, 26.265, 329.304



65, 26.214, 146.150

Rectangle

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



58, 26.265, 329.304



58, 26.265, 19.304



58, 26.265, 149.304



58, 26.265, 199.304

Sweetspot

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



58, 26.263, 329.304



84, 9.077, 328.234



55, 24.309, 297.071



44, 5.891, 328.268



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



58, 26.263, 329.304



71, 39.099, 329.637



57, 18.973, 352.920



33, 5.924, 328.366



34, 70.243, 333.517



2, 10.436, 329.204

Inverse Universe

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



58, 26.263, 329.304



71, 39.099, 329.637



66, 18.014, 168.110



33, 5.924, 328.366



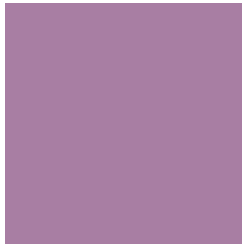
34, 70.243, 333.517



2, 10.436, 329.204

Previews

White Background



This preview shows how the CIELCh color 58, 26.265, 329.304 looks on a white background.

Color Contrast Check

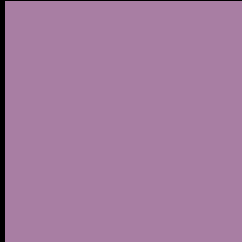
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 26.265, 329.304 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 58, 26.265, 329.304

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.265, 329.304.



This preview shows how white text looks on a background with the CIELCh color 58, 26.265, 329.304.

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

58, 26.265, 329.304

Protanopia

58, 18.835, 285.927

Deuteranopia

58, 14.516, 302.021



Tritanopia
58, 15.073, 359.090

Trichromacy



Original Color
58, 26.265, 329.304

Protanomaly
58, 19.854, 303.897

Deuteranomaly
58, 18.722, 315.431

Tritanomaly
58, 18.028, 344.837

Monochromacy



Original Color
58, 26.265, 329.304

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 9.415, 328.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.265, 329.304 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, 126, 163)` looks like.

```
.text, #text, p{  
    color:rgb(168, 126, 163)  
}
```

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, 126, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 126, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.265, 329.304 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, 126, 163) }
```

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

```
.border{ border-color:rgb(168, 126, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 126, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 126, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 126, 163);  
box-shadow:4px 4px 4px 4px rgb(168, 126,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.265, 329.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 126, 163) }
```

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

```
.background{ background-color: rgb(168,  
126, 163) }
```

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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