

Converting Colors

CIELCh(58, 21.880, 325.501)

Have a look what the booklet for
CIELCh(58, 21.880, 325.501)
contains.

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Color

CIELCh(58, 21.867, 325.498)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A181A1 |
| RGB | 161, 129, 161 |
| RGB Percent | 63%, 51%, 63% |
| CMY | 0.3675, 0.4930, 0.3675 |
| CMYK | 0.00, 0.20, 0.00, 0.37 |
| HSL | 300°, 15%, 57% |
| HSV | 300°, 20%, 63% |
| XYZ | 29.0981, 25.9610, 37.3248 |
| YIQ | 142.2160, 8.8000, 16.7360 |

Conversions

Conversions Part 2

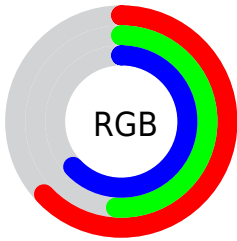
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 161, 129, 161 |
| Decimal | 10584481 |
| CIE _{Lab} | 58.00, 18.02, -12.39 |
| CIE _{LCh} | 58, 21.867, 325.498 |
| Yxy | 25.9610, 0.3150, 0.2810 |
| Android (android.graphics.Color) | 4288774561 (0xFFA181A1) |
| YUV | 142.2160, 9.2605, 16.4736 |
| Hunter-Lab | 50.9519, 12.7736, -7.7665 |

Details

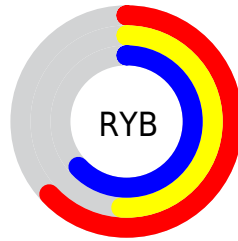
The CIELCh color $58, 21.867, 325.498$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $63, 21.849, 143.205$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 21.977, 325.292$, and $38, 21.996, 325.851$ is the 20% darker color. If you saturate the color by 10%, you get $54, 32.845, 326.027$, and if you desaturate by 10%, it is $62, 10.808, 324.952$.

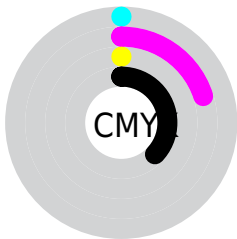
Distribution



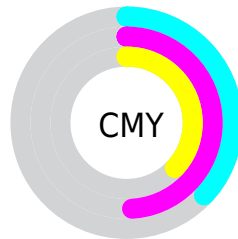
- Red (63%)
- Green (51%)
- Blue (63%)



- Red (63%)
- Yellow (51%)
- Blue (63%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (37%)



- Cyan (37%)
- Magenta (49%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 21.867, 325.498 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, 21.867, 325.498 by changing the saturation by 10% instead.

 58, 21.867,
325.498

 58, 21.867,
325.498

 100, 21.867,
325.498

 48, 21.867,
325.498

 78, 21.867,
325.498

 38, 21.867,
325.498

 88, 21.867,
325.498

 28, 21.867,
325.498

 98, 21.867,
325.498

 18, 21.867,
325.498

 8, 21.867, 325.498

 0, 21.867, 325.498

58, 21.867,
325.498

58, 21.867,
325.498

54, 32.845,
326.027

62, 10.808,
324.952

50, 43.511,
326.530

66, 0.160, 145.813

47, 53.546,
326.992

71, 10.927,
143.931

44, 62.569,
327.397

75, 21.428,
143.411

42, 70.168,
327.730

80, 31.626,
142.920

40, 75.981,
327.980

84, 41.506,
142.455

39, 79.798,
328.141


89, 51.066,
142.017

38, 82.007,

92, 58.449,
141.688

328.234

 92, 58.448,
141.688

 38, 82.039,
328.235

Harmonies

Complementary

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



58, 21.867, 325.498



63, 21.849, 143.205

Rectangle

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



58, 21.867, 325.498



58, 21.867, 15.498



58, 21.867, 145.498



58, 21.867, 195.498

Sweetspot

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



58, 21.865, 325.498



81, 8.119, 324.738



55, 18.410, 292.365



42, 5.376, 324.773



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



58, 21.865, 325.498



72, 32.673, 325.744



57, 15.514, 345.341



32, 6.267, 324.920



34, 76.018, 328.235



2, 9.704, 324.441

Inverse Universe

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



58, 21.865, 325.498



72, 32.673, 325.744



64, 15.140, 161.961



32, 6.267, 324.920



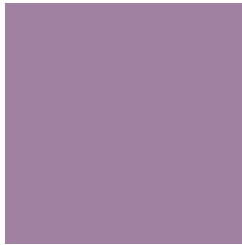
34, 76.018, 328.235



2, 9.704, 324.441

Previews

White Background



This preview shows how the CIELCh color 58, 21.867, 325.498 looks on a white background.

Color Contrast Check

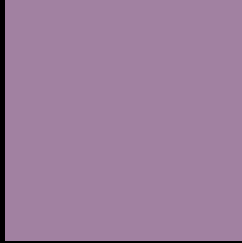
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.867, 325.498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

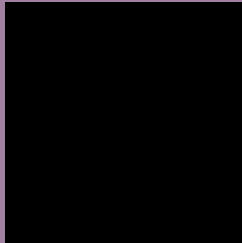
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 21.867, 325.498

Background



This preview shows how black text looks on a background with the CIELCh color 58, 21.867, 325.498.



This preview shows how white text looks on a background with the CIELCh color 58, 21.867, 325.498.

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, 21.867, 325.498

Protanopia

58, 16.553, 285.916

Deuteranopia

58, 13.958, 302.404



Tritanopia
58, 11.740, 351.869

Trichromacy



Original Color
58, 21.867, 325.498

Protanomaly
58, 17.397, 301.736

Deuteranomaly
58, 16.035, 313.663

Tritanomaly
58, 14.934, 337.946

Monochromacy



Original Color
58, 21.867, 325.498

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 8.278, 324.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 21.867, 325.498 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(161, 129, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 129, 161)  
}
```

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(161, 129, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 129, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 21.867, 325.498 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(161, 129, 161) }
```

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

```
.border{ border-color:rgb(161, 129, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 129, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 129, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 129, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 129,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 21.867, 325.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 129, 161) }
```

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

```
.background{ background-color: rgb(161,  
129, 161) }
```

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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