

Converting Colors

CIELCh(58, 25.302, 311.004)

Have a look what the booklet for
CIELCh(58, 25.302, 311.004)
contains.

CIELCh(58, 25.302, 311.004)	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(58, 25.302, 311.004)

Conversions

Conversions Part 1

Format	Color
Hex	9983AD
RGB	153, 131, 173
RGB Percent	60%, 51%, 68%
CMY	0.4006, 0.4868, 0.3222
CMYK	0.12, 0.24, 0.00, 0.32
HSL	271°, 20%, 60%
HSV	271°, 24%, 68%
XYZ	28.7319, 25.9610, 42.9526
YIQ	142.3660, -0.3700, 17.7260

Conversions

Conversions Part 2

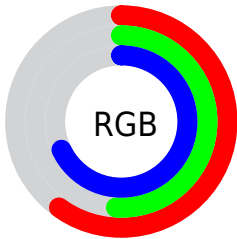
Format	Color
R _Y B	153, 131, 173
Decimal	10060717
CIE Lab	58.00, 16.60, -19.09
CIE LCh	58, 25.302, 311.004
Yxy	25.9610, 0.2942, 0.2659
Android (android.graphics.Color)	4288250797 (0xFF9983AD)
YUV	142.3660, 15.1026, 9.3260
Hunter-Lab	50.9519, 11.4906, -14.3152

Details

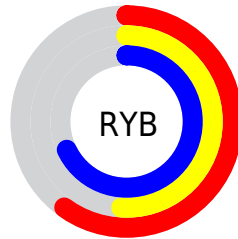
The CIELCh color $58, 25.302, 311.004$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $68, 24.525, 128.810$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 25.637, 311.113$, and $38, 25.947, 311.436$ is the 20% darker color. If you saturate the color by 10%, you get $53, 36.104, 311.512$, and if you desaturate by 10%, it is $63, 14.697, 310.517$.

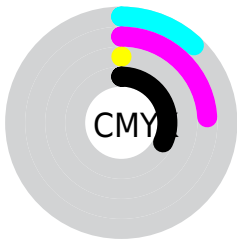
Distribution



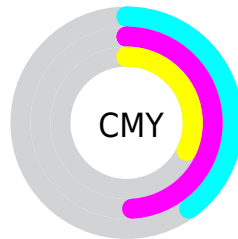
- Red (60%)
- Green (51%)
- Blue (68%)



- Red (60%)
- Yellow (51%)
- Blue (68%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (32%)





- Cyan (40%)
- Magenta (49%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 25.302, 311.004 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, 25.302, 311.004 by changing the saturation by 10% instead.

 58, 25.302,
311.004

 58, 25.302,
311.004


 100, 25.302,
311.004


 48, 25.302,
311.004


 78, 25.302,
311.004

 38, 25.302,
311.004

 88, 25.302,
311.004

 28, 25.302,
311.004

 98, 25.302,
311.004

 18, 25.302,
311.004

 8, 25.302, 311.004

 0, 25.302, 311.004

58, 25.302,
311.004

58, 25.302,
311.004

53, 36.104,
311.512

63, 14.697,
310.517

48, 46.988,
312.024

68, 4.359, 310.050

43, 57.743,
312.507

74, 5.687, 129.687

39, 68.027,
312.909

79, 15.431,
129.307

35, 77.329,
313.155

84, 24.875,
128.977

31, 84.983,
313.149

89, 34.030,
128.687


29, 90.315,
312.786

94, 42.906,
128.434

27, 92.708,

96, 43.593,
125.430

312.507

 96, 42.653,
121.582

Harmonies

Complementary

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



58, 25.302, 311.004



68, 24.525, 128.810

Rectangle

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



58, 25.302, 311.004



58, 25.302, 1.004



58, 25.302, 131.004



58, 25.302, 181.004

Sweetspot

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



58, 25.300, 311.004



85, 8.816, 310.184



62, 13.894, 260.801



44, 5.725, 310.210



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



58, 25.300, 311.004



71, 37.569, 311.267



60, 28.011, 326.198



34, 5.798, 310.284



23, 83.613, 312.634



1, 11.879, 306.631

Inverse Universe

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



59, 19.873, 347.151



73, 29.427, 347.717



67, 27.997, 143.292



34, 4.571, 345.685



32, 57.053, 3.478



2, 9.016, 350.081

Previews

White Background



This preview shows how the CIELCh color 58, 25.302, 311.004 looks on a white background.

Color Contrast Check

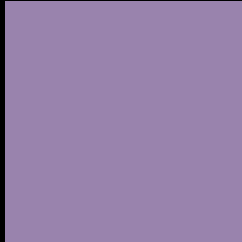
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 25.302, 311.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

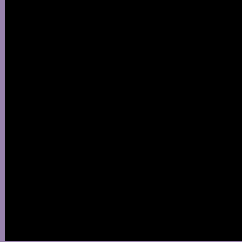
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 25.302, 311.004

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.302, 311.004.



This preview shows how white text looks on a background with the CIELCh color 58, 25.302, 311.004.

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, 25.302, 311.004

Protanopia

58, 22.861, 285.081

Deuteranopia

58, 19.917, 292.443



Tritanopia
58, 7.638, 332.135

Trichromacy



Original Color
58, 25.302, 311.004

Protanomaly
58, 23.412, 295.379

Deuteranomaly
58, 21.321, 300.216

Tritanomaly
58, 13.973, 317.165

Monochromacy



Original Color
58, 25.302, 311.004

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 9.089, 310.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.302, 311.004 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(153, 131, 173)` looks like.

```
.text, #text, p{  
    color:rgb(153, 131, 173)  
}
```

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(153, 131, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 131, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.302, 311.004 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(153, 131, 173) }
```

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

```
.border{ border-color:rgb(153, 131, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 131, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 131, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 131, 173);  
box-shadow:4px 4px 4px 4px rgb(153, 131,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.302, 311.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 131, 173) }
```

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

```
.background{ background-color: rgb(153,  
131, 173) }
```

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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