

Converting Colors

CIE LCh(58, 20.202, 302.582)

Have a look what the booklet for
CIELCh(58, 20.202, 302.582)
contains.

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Color

CIELCh(58, 20.341, 302.601)

Conversions

Conversions Part 1

Format	Color
Hex	9086A9
RGB	144, 134, 169
RGB Percent	56%, 53%, 66%
CMY	0.4341, 0.4734, 0.3361
CMYK	0.15, 0.21, 0.00, 0.34
HSL	257°, 17%, 60%
HSV	257°, 21%, 66%
XYZ	27.3070, 25.9610, 41.2550
YIQ	140.9800, -5.2750, 13.0050

Conversions

Conversions Part 2

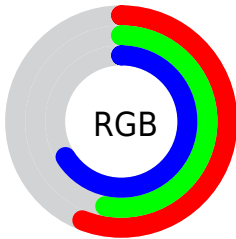
Format	Color
RYB	144, 134, 169
Decimal	9471657
CIELab	58.00, 10.96, -17.14
CIELCh	58, 20.341, 302.601
Yxy	25.9610, 0.2889, 0.2747
Android (android.graphics.Color)	4287661737 (0xFF9086A9)
YUV	140.9800, 13.8139, 2.6485
Hunter-Lab	50.9519, 6.4988, -12.3399

Details

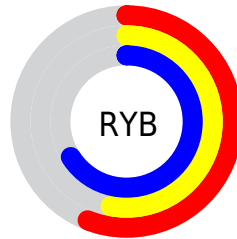
The CIELCh color **58, 20.341, 302.601** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68, 19.541, 120.064**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 20.293, 302.736**, and **38, 20.715, 302.660** is the 20% darker color. If you saturate the color by 10%, you get **53, 30.702, 303.380**, and if you desaturate by 10%, it is **63, 10.322, 301.906**.

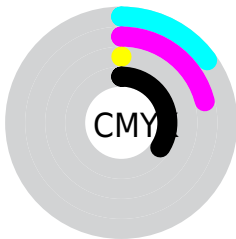
Distribution



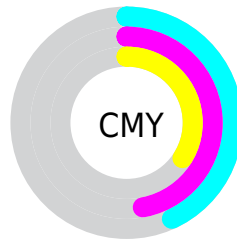
- Red (56%)
- Green (53%)
- Blue (66%)



- Red (56%)
- Yellow (53%)
- Blue (66%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (34%)





- Cyan (43%)
- Magenta (47%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 20.341, 302.601 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, 20.341, 302.601 by changing the saturation by 10% instead.


 58, 20.341,
302.601


 58, 20.341,
302.601


 100, 20.341,
302.601


 48, 20.341,
302.601


 78, 20.341,
302.601

 38, 20.341,
302.601

 88, 20.341,
302.601

 28, 20.341,
302.601

 98, 20.341,
302.601

 18, 20.341,
302.601

 8, 20.341, 302.601

 0, 20.341, 302.601

58, 20.341,
302.601

58, 20.341,
302.601

53, 30.702,
303.380

63, 10.322,
301.906

47, 41.378,
304.245

69, 0.653, 301.245

42, 52.277,
305.176

74, 8.678, 120.779

37, 63.200,
306.134

80, 17.686,
120.318

32, 73.754,
307.041

85, 26.389,
119.921

28, 83.256,
307.767

91, 34.806,
119.580


24, 90.725,
308.139

96, 42.954,
119.286

22, 95.701,

97, 43.251,
114.086

308.203

 98, 42.882,
107.881

Harmonies

Complementary

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



58, 20.341, 302.601



68, 19.541, 120.064

Rectangle

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



58, 20.341, 302.601



58, 20.341, 352.601



58, 20.341, 122.601



58, 20.341, 172.601

Sweetspot

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



58, 20.339, 302.600



83, 7.104, 301.616



64, 10.370, 231.141



44, 4.710, 301.654



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, 20.339, 302.600



71, 30.605, 302.961



60, 22.336, 319.198



33, 5.430, 301.816



19, 86.542, 308.301



1, 9.716, 299.753

Inverse Universe

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



60, 19.454, 335.113



74, 29.061, 335.466



66, 22.101, 137.322



33, 5.264, 334.297



33, 62.270, 343.493



2, 9.043, 336.786

Previews

White Background



This preview shows how the CIELCh color 58, 20.341, 302.601 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, 20.341, 302.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

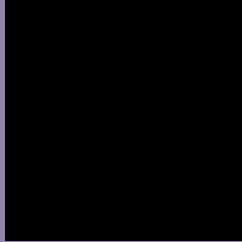
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 20.341, 302.601

Background



This preview shows how black text looks on a background with the CIELCh color 58, 20.341, 302.601.



This preview shows how white text looks on a background with the CIELCh color 58, 20.341, 302.601.

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, 20.341, 302.601

Protanopia

58, 19.398, 286.196

Deuteranopia

58, 18.831, 294.490



Tritanopia
58, 6.382, 301.209

Trichromacy



Original Color
58, 20.341, 302.601

Protanomaly
58, 19.348, 291.341

Deuteranomaly
58, 19.503, 297.634

Tritanomaly
58, 11.009, 301.176

Monochromacy



Original Color
58, 20.341, 302.601

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 6.933, 300.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 20.341, 302.601 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(144, 134, 169)` looks like.

```
.text, #text, p{  
    color:rgb(144, 134, 169)  
}
```

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(144, 134, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 134, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 20.341, 302.601 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(144, 134, 169) }
```

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

```
.border{ border-color:rgb(144, 134, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 134, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 134, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 134, 169);  
box-shadow:4px 4px 4px 4px rgb(144, 134,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 20.341, 302.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 134, 169) }
```

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

```
.background{ background-color: rgb(144,  
134, 169) }
```

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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