

Converting Colors

CIELCh(58, 32.498, 303.271)

Have a look what the booklet for
CIELCh(58, 32.498, 303.271)
contains.

CIELCh(58, 32.469, 303.337)	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, 32.469, 303.337)

Conversions

Conversions Part 1

Format	Color
Hex	9383BB
RGB	147, 131, 187
RGB Percent	58%, 51%, 73%
CMY	0.4241, 0.4869, 0.2673
CMYK	0.21, 0.30, 0.00, 0.27
HSL	257°, 29%, 62%
HSV	257°, 30%, 73%
XYZ	29.0523, 25.9610, 50.4018
YIQ	142.1680, -8.4400, 20.8080

Conversions

Conversions Part 2

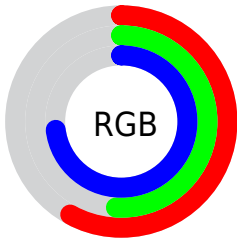
Format	Color
R_{YB}	147, 131, 187
Decimal	9667515
CIE _{Lab}	58.00, 17.84, -27.13
CIE _{LCh}	58, 32.469, 303.337
Yxy	25.9610, 0.2756, 0.2463
Android (android.graphics.Color)	4287857595 (0xFF9383BB)
YUV	142.1680, 22.1022, 4.2377
Hunter-Lab	50.9519, 12.6131, -22.9836

Details

The CIELCh color `58, 32.469, 303.337` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `73, 30.556, 119.498`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `78, 32.338, 303.584`, and `38, 32.394, 302.864` is the 20% darker color. If you saturate the color by 10%, you get `52, 44.021, 304.204`, and if you desaturate by 10%, it is `64, 21.258, 302.555`.

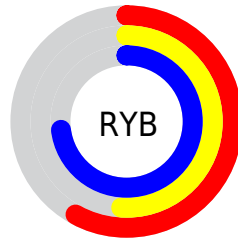
Distribution



Red (58%)

Green (51%)

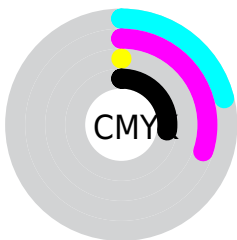
Blue (73%)



Red (58%)

Yellow (51%)

Blue (73%)

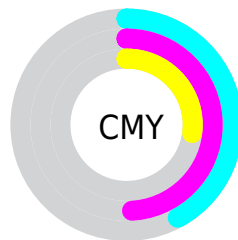


Cyan (21%)

Magenta (30%)

Yellow (0%)

Black (27%)



Cyan (42%)


Magenta (49%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 32.469, 303.337 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, 32.469, 303.337 by changing the saturation by 10% instead.


 58, 32.469,
303.337


 58, 32.469,
303.337


 100, 32.469,
303.337


 48, 32.469,
303.337


 78, 32.469,
303.337

 38, 32.469,
303.337

 88, 32.469,
303.337

 28, 32.469,
303.337

 98, 32.469,
303.337

 18, 32.469,
303.337

 8, 32.469, 303.337

 0, 32.469, 303.337

58, 32.469,
303.337

58, 32.469,
303.337

52, 44.021,
304.204

64, 21.258,
302.555

46, 55.825,
305.140

70, 10.426,
301.862

41, 67.666,
306.105

76, 0.026, 122.826

36, 79.119,
307.021

82, 10.110,
120.737

31, 89.443,
307.758

88, 19.843,
120.278

27, 97.564,
308.137

93, 29.245,
119.884


25, 103.029,
308.138

98, 34.783,
116.814

25, 103.047,

98, 34.282,
108.453

308.138

 99, 34.275,
107.567

Harmonies

Complementary

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



58, 32.469, 303.337



73, 30.556, 119.498

Rectangle

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



58, 32.469, 303.337



58, 32.469, 353.337



58, 32.469, 123.337



58, 32.469, 173.337

Sweetspot

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



58, 32.468, 303.337



89, 11.612, 301.808



68, 15.851, 232.192



47, 8.155, 301.904



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



58, 32.468, 303.337



69, 48.706, 303.902



61, 35.222, 319.612



37, 5.971, 301.822



20, 90.938, 308.250



1, 17.647, 298.545

Inverse Universe

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



61, 30.574, 335.822



74, 45.226, 336.346



72, 34.703, 136.775



37, 5.787, 334.304



35, 65.324, 343.599



3, 16.282, 338.976

Previews

White Background



This preview shows how the CIELCh color 58, 32.469, 303.337 looks on a white background.

Color Contrast Check

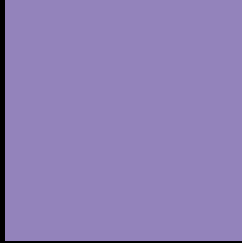
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.469, 303.337 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, 32.469, 303.337

Background



This preview shows how black text looks on a background with the CIELCh color 58, 32.469, 303.337.



This preview shows how white text looks on a background with the CIELCh color 58, 32.469, 303.337.

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, 32.469, 303.337

Protanopia

58, 30.878, 284.704

Deuteranopia

58, 27.934, 287.232



Tritanopia
58, 6.321, 297.813

Trichromacy



Original Color
58, 32.469, 303.337

Protanomaly
58, 31.295, 291.896

Deuteranomaly
58, 29.035, 293.443

Tritanomaly
58, 16.216, 301.063

Monochromacy



Original Color
58, 32.469, 303.337

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 11.623, 302.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 32.469, 303.337 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(147, 131, 187)` looks like.

```
.text, #text, p{  
    color:rgb(147, 131, 187)  
}
```

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(147, 131, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 131, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 32.469, 303.337 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(147, 131, 187) }
```

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

```
.border{ border-color:rgb(147, 131, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 131, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 131, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 131, 187);  
box-shadow:4px 4px 4px 4px rgb(147, 131,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 32.469, 303.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 131, 187) }
```

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

```
.background{ background-color: rgb(147,  
131, 187) }
```

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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