

Converting Colors

CIELCh(58, 32.685, 299.640)

Have a look what the booklet for
CIELCh(58, 32.685, 299.640)
contains.

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Color

CIELCh(58, 32.726, 299.656)

Conversions

Conversions Part 1

Format	Color
Hex	8E84BD
RGB	142, 132, 189
RGB Percent	56%, 52%, 74%
CMY	0.4428, 0.4820, 0.2585
CMYK	0.25, 0.30, 0.00, 0.26
HSL	251°, 30%, 63%
HSV	251°, 30%, 74%
XYZ	28.6271, 25.9610, 51.6960
YIQ	141.4880, -12.3370, 19.8470

Conversions

Conversions Part 2

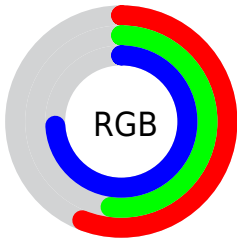
Format	Color
RYB	142, 132, 189
Decimal	9340093
CIELab	58.00, 16.19, -28.44
CIELCh	58, 32.726, 299.656
Yxy	25.9610, 0.2693, 0.2443
Android (android.graphics.Color)	4287530173 (0xFF8E84BD)
YUV	141.4880, 23.4234, 0.4490
Hunter-Lab	50.9519, 11.1235, -24.4895

Details

The CIELCh color **58, 32.726, 299.656** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **75, 30.566, 114.908**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 32.533, 299.966**, and **38, 32.156, 299.185** is the 20% darker color. If you saturate the color by 10%, you get **52, 44.414, 300.783**, and if you desaturate by 10%, it is **64, 21.450, 298.664**.

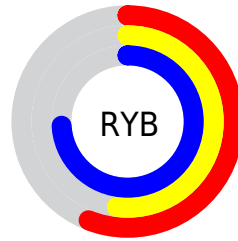
Distribution



Red (56%)

Green (52%)

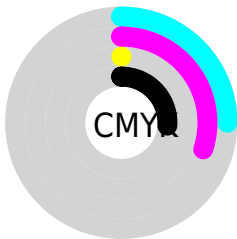
Blue (74%)



Red (56%)

Yellow (52%)

Blue (74%)

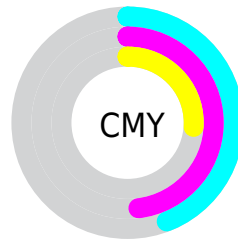


Cyan (25%)

Magenta (30%)

Yellow (0%)

Black (26%)



Cyan (44%)


Magenta (48%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 32.726, 299.656 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, 32.726, 299.656 by changing the saturation by 10% instead.


 58, 32.726,
299.656


 58, 32.726,
299.656


 100, 32.726,
299.656


 48, 32.726,
299.656


 78, 32.726,
299.656

 38, 32.726,
299.656

 88, 32.726,
299.656

 28, 32.726,
299.656

 98, 32.726,
299.656

 18, 32.726,
299.656

 8, 32.726, 299.656

 0, 32.726, 299.656

■ 58, 32.726,
299.656

■ 58, 32.726,
299.656

■ 52, 44.414,
300.783

■ 64, 21.450,
298.664

■ 46, 56.456,
302.036

■ 70, 10.600,
297.801

■ 40, 68.667,
303.376

■ 77, 0.159, 297.043

■ 34, 80.630,
304.717

■ 83, 9.893, 116.416

■ 30, 91.527,
305.898

■ 89, 19.583,
115.865

■ 26, 100.081,
306.693

■ 95, 28.932,
115.391

■ 24, 105.586,
307.054

■ 98, 33.201,
110.139

■ 99, 33.161,
107.653

Harmonies

Complementary

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



58, 32.726, 299.656



75, 30.566, 114.908

Rectangle

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



58, 32.726, 299.656



58, 32.726, 349.656



58, 32.726, 119.656



58, 32.726, 169.656

Sweetspot

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



58, 32.725, 299.656



90, 11.575, 297.721



70, 16.670, 216.525



47, 8.062, 297.838



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, 32.725, 299.656



69, 48.795, 300.365



61, 34.903, 315.953



37, 5.902, 297.738



19, 92.373, 307.137



1, 17.527, 295.518

Inverse Universe

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



62, 33.508, 331.556



75, 49.165, 331.978



73, 34.025, 133.272



37, 6.260, 330.223



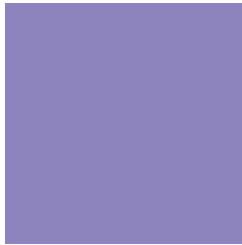
36, 70.628, 336.580



3, 18.056, 332.900

Previews

White Background



This preview shows how the CIELCh color 58, 32.726, 299.656 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, 32.726, 299.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

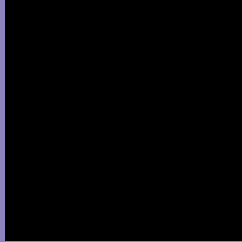
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 32.726, 299.656

Background



This preview shows how black text looks on a background with the CIELCh color 58, 32.726, 299.656.



This preview shows how white text looks on a background with the CIELCh color 58, 32.726, 299.656.

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

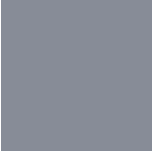
58, 32.726, 299.656

Protanopia

58, 31.992, 285.767

Deuteranopia

58, 29.110, 286.383



Tritanopia
58, 6.490, 274.126

Trichromacy



Original Color
58, 32.726, 299.656

Protanomaly
58, 32.436, 290.963

Deuteranomaly
58, 30.167, 291.699

Tritanomaly
58, 15.954, 293.298

Monochromacy



Original Color
58, 32.726, 299.656

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 12.060, 298.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 32.726, 299.656 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(142, 132, 189)` looks like.

```
.text, #text, p{  
    color:rgb(142, 132, 189)  
}
```

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(142, 132, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 132, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 32.726, 299.656 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(142, 132, 189) }
```

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

```
.border{ border-color:rgb(142, 132, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 132, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 132, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 132, 189);  
box-shadow:4px 4px 4px 4px rgb(142, 132,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 32.726, 299.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 132, 189) }
```

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

```
.background{ background-color: rgb(142,  
132, 189) }
```

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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