

Converting Colors

CIELCh(58, 21.141, 286.037)

Have a look what the booklet for
CIELCh(58, 21.141, 286.037)
contains.

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Color

CIELCh(58, 21.114, 286.017)

Conversions

Conversions Part 1

Format	Color
Hex	838AAF
RGB	131, 138, 175
RGB Percent	51%, 54%, 69%
CMY	0.4876, 0.4601, 0.3151
CMYK	0.25, 0.21, 0.00, 0.32
HSL	230°, 21%, 60%
HSV	230°, 25%, 68%
XYZ	26.0520, 25.9610, 44.0153
YIQ	140.1250, -16.0490, 10.0230

Conversions

Conversions Part 2

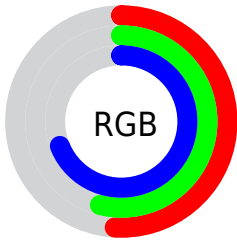
Format	Color
RYB	131, 137, 175
Decimal	8620719
CIELab	58.00, 5.83, -20.29
CIELCh	58, 21.114, 286.017
Yxy	25.9610, 0.2713, 0.2703
Android (android.graphics.Color)	4286810799 (0xFF838AAF)
YUV	140.1250, 17.1934, -8.0026
Hunter-Lab	50.9519, 2.1023, -15.5518

Details

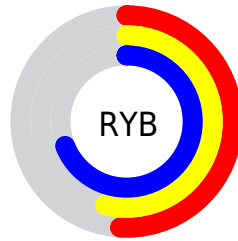
The CIELCh color `58, 21.114, 286.017` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `68, 20.370, 99.965`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 21.481, 286.758`, and `38, 20.982, 286.635` is the 20% darker color. If you saturate the color by 10%, you get `53, 29.998, 287.708`, and if you desaturate by 10%, it is `63, 12.527, 284.570`.

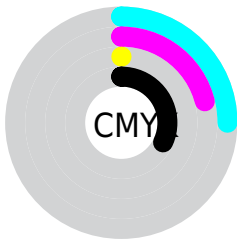
Distribution



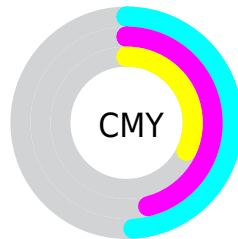
- Red (51%)
- Green (54%)
- Blue (69%)



- Red (51%)
- Yellow (54%)
- Blue (69%)



- Cyan (25%)
- Magenta (21%)
- Yellow (0%)
- Black (32%)



- Cyan (49%)
- Magenta (46%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 21.114, 286.017 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, 21.114, 286.017 by changing the saturation by 10% instead.

■ 58, 21.114,
286.017

■ 58, 21.114,
286.017

■ 100, 21.114,
286.017

■ 48, 21.114,
286.017

■ 78, 21.114,
286.017

■ 38, 21.114,
286.017

■ 88, 21.114,
286.017

■ 28, 21.114,
286.017

■ 98, 21.114,
286.017

■ 18, 21.114,
286.017

■ 8, 21.114, 286.017

■ 0, 21.114, 286.017

■ 58, 21.114,
286.017

■ 58, 21.114,
286.017

■ 53, 29.998,
287.708

■ 63, 12.527,
284.570

■ 47, 39.209,
289.676

■ 69, 4.216, 283.348

■ 74, 3.840, 102.221

■ 42, 48.765,
291.939

■ 79, 11.657,
101.323

■ 37, 58.647,
294.481

■ 84, 19.250,
100.529

■ 32, 68.730,
297.223

■ 89, 26.630, 99.836

■ 28, 78.656,
300.000

■ 95, 33.808, 99.226

■ 25, 87.696,
302.552

■ 98, 40.267,
107.105

■ 23, 91.476,

Harmonies

Complementary

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



58, 21.114, 286.017



68, 20.370, 99.965

Rectangle

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



58, 21.114, 286.017



58, 21.114, 336.017



58, 21.114, 106.017



58, 21.114, 156.017

Sweetspot

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



58, 21.113, 286.016



85, 8.081, 283.684



68, 16.298, 183.652



45, 5.801, 283.862



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



58, 21.113, 286.016



71, 31.398, 286.886



57, 25.745, 304.585



34, 4.602, 283.822



20, 81.203, 303.279



1, 9.912, 284.311

Inverse Universe

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



59, 18.213, 8.977



72, 27.203, 9.704



69, 24.572, 121.680



34, 3.896, 7.168



31, 63.841, 31.439



2, 7.959, 8.736

Previews

White Background



This preview shows how the CIELCh color 58, 21.114, 286.017 looks on a white background.

Color Contrast Check

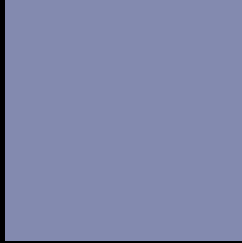
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.114, 286.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

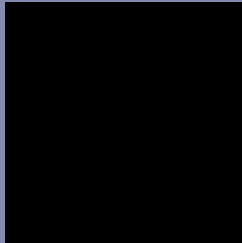
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

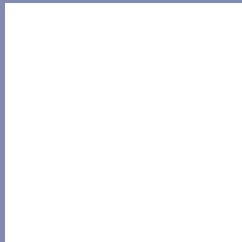
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 21.114, 286.017

Background



This preview shows how black text looks on a background with the CIELCh color 58, 21.114, 286.017.



This preview shows how white text looks on a background with the CIELCh color 58, 21.114, 286.017.

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

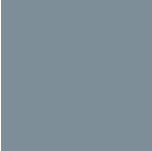
58, 21.114, 286.017

Protanopia

58, 21.147, 285.105

Deuteranopia

58, 21.624, 289.884



Tritanopia
58, 8.452, 246.939

Trichromacy



Original Color
58, 21.114, 286.017

Protanomaly
58, 21.147, 285.105

Deuteranomaly
58, 21.637, 288.978

Tritanomaly
58, 12.577, 271.539

Monochromacy



Original Color
58, 21.114, 286.017

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 7.983, 285.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 21.114, 286.017 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(131, 138, 175)` looks like.

```
.text, #text, p{  
    color:rgb(131, 138, 175)  
}
```

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(131, 138, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 138, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 21.114, 286.017 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(131, 138, 175) }
```

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

```
.border{ border-color:rgb(131, 138, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 138, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 138, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 138, 175);  
box-shadow:4px 4px 4px 4px rgb(131, 138,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 21.114, 286.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 138, 175) }
```

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

```
.background{ background-color: rgb(131,  
138, 175) }
```

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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