

Converting Colors

CIELCh(58, 2.175, 285.598)

Have a look what the booklet for
CIELCh(58, 2.175, 285.598) contains.

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Color

CIELCh(58, 2.280, 290.464)

Conversions

Conversions Part 1

Format	Color
Hex	8B8B8F
RGB	139, 139, 143
RGB Percent	55%, 55%, 56%
CMY	0.4547, 0.4547, 0.4390
CMYK	0.03, 0.03, 0.00, 0.44
HSL	240°, 2%, 55%
HSV	240°, 3%, 56%
XYZ	24.8606, 25.9610, 29.7108
YIQ	139.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

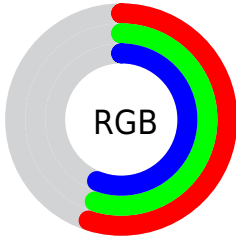
Format	Color
R_{YB}	139, 139, 143
Decimal	9145231
CIE Lab	58.00, 0.80, -2.14
CIE LCh	58, 2.280, 290.464
Yxy	25.9610, 0.3087, 0.3224
Android (android.graphics.Color)	4287335311 (0xFF8B8B8F)
YUV	139.4560, 1.7472, -0.3999
Hunter-Lab	50.9519, -2.0717, 1.0935

Details

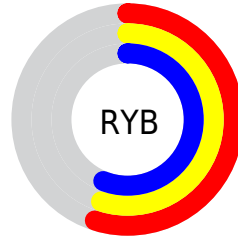
The CIELCh color $58, 2.280, 290.464$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 2.251, 109.874$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 2.686, 290.447$, and $38, 2.465, 290.584$ is the 20% darker color. If you saturate the color by 10%, you get $53, 10.604, 291.471$, and if you desaturate by 10%, it is $63, 5.732, 109.517$.

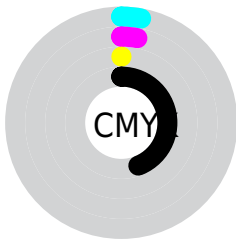
Distribution



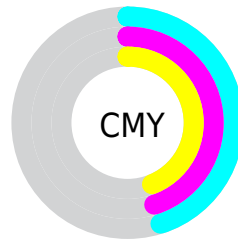
- Red (55%)
- Green (55%)
- Blue (56%)



- Red (55%)
- Yellow (55%)
- Blue (56%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 2.280, 290.464 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, 2.280, 290.464 by changing the saturation by 10% instead.

■ 58, 2.280, 290.464

■ 58, 2.280, 290.464

■ 100, 2.280,
290.464

■ 48, 2.280, 290.464

■ 78, 2.280, 290.464

■ 38, 2.280, 290.464

■ 88, 2.280, 290.464

■ 28, 2.280, 290.464

■ 98, 2.280, 290.464

■ 18, 2.280, 290.464

■ 8, 2.280, 290.464

■ 0, 2.280, 290.464

■ 58, 2.280, 290.464

■ 58, 2.280, 290.464

■ 53, 10.604,
291.471

■ 63, 5.732, 109.517

■ 68, 13.452,

48, 19.269,
292.700

108.760

43, 28.298,
294.141

73, 20.902,
108.108

37, 37.705,
295.814

78, 28.099,
107.546

32, 47.468,
297.720

83, 35.061,
107.060

28, 57.462,
299.814

88, 41.802,
106.637

23, 67.327,
301.968

93, 48.337,
106.269

20, 76.276,
303.946

97, 54.678,
105.946

17, 83.052,
305.431

98, 55.358,
105.941

Harmonies

Complementary

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



58, 2.280, 290.464



59, 2.251, 109.874

Rectangle

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



58, 2.280, 290.464



58, 2.280, 340.464



58, 2.280, 110.464



58, 2.280, 160.464

Sweetspot

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



58, 2.279, 290.441



75, 1.012, 290.310



59, 1.545, 198.133



40, 0.580, 290.308



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 2.279, 290.441



74, 3.031, 290.465



58, 2.409, 308.567



29, 1.839, 290.521



14, 83.458, 306.277



0, 3.083, 290.154

Inverse Universe

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



58, 1.572, 19.246



74, 2.092, 19.286



59, 2.386, 128.402



29, 1.272, 19.364



27, 64.112, 38.776



0, 2.121, 19.356

Previews

White Background



This preview shows how the CIELCh color 58, 2.280, 290.464 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, 2.280, 290.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

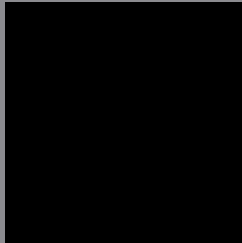
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

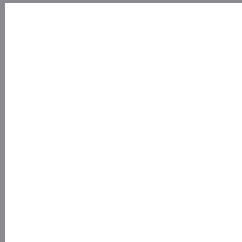
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 2.280, 290.464

Background



This preview shows how black text looks on a background with the CIELCh color 58, 2.280, 290.464.

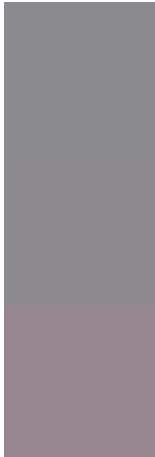


This preview shows how white text looks on a background with the CIELCh color 58, 2.280, 290.464.

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, 2.280, 290.464

Protanopia

58, 2.417, 309.148

Deuteranopia

58, 8.111, 341.208



Tritanopia
58, 6.321, 297.813

Trichromacy



Original Color

58, 2.280, 290.464

Protanomaly

58, 2.317, 300.067

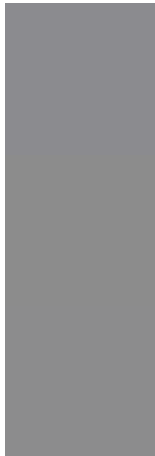
Deuteranomaly

58, 6.282, 333.646

Tritanomaly

58, 5.194, 299.242

Monochromacy



Original Color

58, 2.280, 290.464

Achromatopsia

58, 0.007, 296.813

Achromatomaly

58, 0.575, 290.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 2.280, 290.464 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(139, 139, 143)` looks like.

```
.text, #text, p{  
    color:rgb(139, 139, 143)  
}
```

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(139, 139, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 139, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 2.280, 290.464 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(139, 139, 143) }
```

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

```
.border{ border-color:rgb(139, 139, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 139, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 139, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 139, 143);  
box-shadow:4px 4px 4px 4px rgb(139, 139,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 2.280, 290.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 139, 143) }
```

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

```
.background{ background-color: rgb(139,  
139, 143) }
```

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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