

Converting Colors

CIELCh(58, 20.186, 229.303)

Have a look what the booklet for
CIELCh(58, 20.186, 229.303)
contains.

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Color

CIELCh(58, 20.342, 230.410)

Conversions

Conversions Part 1

Format	Color
Hex	5C93A6
RGB	92, 147, 166
RGB Percent	36%, 58%, 65%
CMY	0.6386, 0.4229, 0.3484
CMYK	0.45, 0.11, 0.00, 0.35
HSL	195°, 29%, 51%
HSV	195°, 45%, 65%
XYZ	21.7871, 25.9610, 40.0189
YIQ	132.7210, -38.8790, -5.7510

Conversions

Conversions Part 2

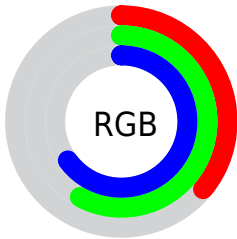
Format	Color
R_{YB}	92, 124, 166
Decimal	6067110
CIE _{Lab}	58.00, -12.96, -15.68
CIE _{LCh}	58, 20.342, 230.410
Yxy	25.9610, 0.2482, 0.2958
Android (android.graphics.Color)	4284257190 (0xFF5C93A6)
YUV	132.7210, 16.4065, -35.7123
Hunter-Lab	50.9519, -12.8389, -10.9015

Details

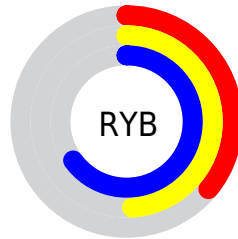
The CIELCh color `58, 20.342, 230.410` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `52, 27.544, 44.934`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 20.293, 230.420`, and `38, 20.268, 231.116` is the 20% darker color. If you saturate the color by 10%, you get `56, 23.820, 232.186`, and if you desaturate by 10%, it is `60, 16.390, 229.023`.

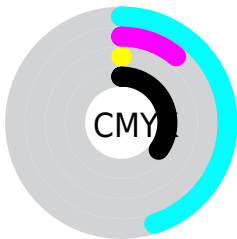
Distribution



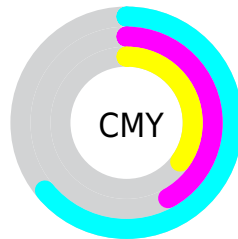
- Red (36%)
- Green (58%)
- Blue (65%)



- Red (36%)
- Yellow (49%)
- Blue (65%)



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)





- Cyan (64%)
- Magenta (42%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 20.342, 230.410 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, 20.342, 230.410 by changing the saturation by 10% instead.


 58, 20.342,
230.410


 58, 20.342,
230.410


 100, 20.342,
230.410


 48, 20.342,
230.410


 78, 20.342,
230.410

 38, 20.342,
230.410

 88, 20.342,
230.410

 28, 20.342,
230.410

 98, 20.342,
230.410

 18, 20.342,
230.410

 8, 20.342, 230.410

 0, 20.342, 230.410

■ 58, 20.342,
230.410

■ 58, 20.342,
230.410

■ 56, 23.820,
232.186

■ 60, 16.390,
229.023

■ 54, 26.777,
234.442

■ 62, 12.027,
227.958

■ 52, 29.198,
237.265

■ 65, 7.321, 227.158

■ 51, 31.111,
240.730

■ 67, 2.337, 226.664

■ 49, 32.607,
244.867

■ 70, 2.865, 45.837

■ 48, 33.382,
247.230

■ 72, 8.234, 45.591

■ 75, 13.726, 45.359

■ 77, 19.305, 45.187

■ 80, 24.943, 45.069

Harmonies

Complementary

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



58, 20.342, 230.410



52, 27.544, 44.934

Rectangle

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



58, 20.342, 230.410



58, 20.342, 280.410



58, 20.342, 50.410



58, 20.342, 100.410

Sweetspot

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



58, 20.341, 230.408



83, 8.156, 227.072



62, 41.619, 148.508



44, 5.722, 227.216



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, 20.341, 230.408



72, 28.815, 232.076



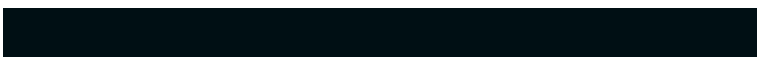
47, 33.027, 284.440



34, 2.917, 226.841



43, 30.561, 246.730



4, 5.382, 234.936

Inverse Universe

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



49, 41.645, 335.722



60, 60.396, 336.498



62, 31.825, 91.794



33, 5.374, 333.160



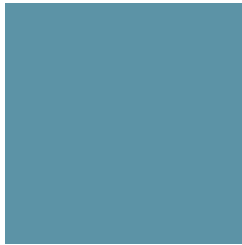
33, 63.488, 341.517



2, 9.258, 335.400

Previews

White Background



This preview shows how the CIE LCh color 58, 20.342, 230.410 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, 20.342, 230.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

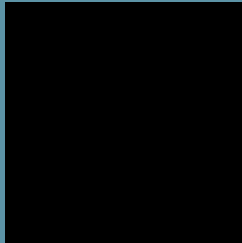
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 20.342, 230.410

Background



This preview shows how black text looks on a background with the CIELCh color 58, 20.342, 230.410.

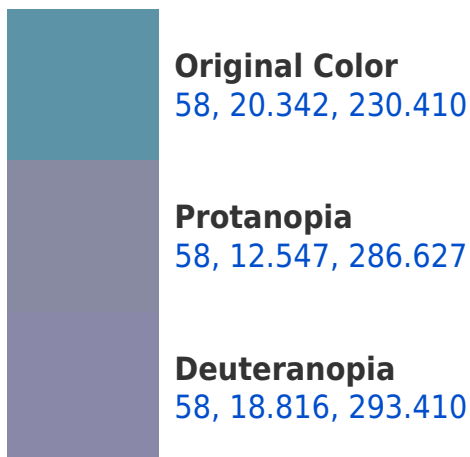


This preview shows how white text looks on a background with the CIELCh color 58, 20.342, 230.410.

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





Tritanopia
58, 19.913, 218.035

Trichromacy



Original Color
58, 20.342, 230.410

Protanomaly
58, 13.998, 258.066

Deuteranomaly
58, 17.016, 269.315

Tritanomaly
58, 19.909, 221.654

Monochromacy



Original Color
58, 20.342, 230.410

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 8.305, 227.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 20.342, 230.410 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(92, 147, 166)` looks like.

```
.text, #text, p{  
    color:rgb(92, 147, 166)  
}
```

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(92, 147, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 147, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 20.342, 230.410 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(92, 147, 166) }
```

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

```
.border{ border-color:rgb(92, 147, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 147, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 147, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 147, 166);  
box-shadow:4px 4px 4px 4px rgb(92, 147,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 20.342, 230.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 147, 166) }
```

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

```
.background{ background-color: rgb(92, 147,  
166) }
```

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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