

Converting Colors

CIELCh(58, 52.955, 21.910)

Have a look what the booklet for
CIELCh(58, 52.955, 21.910) contains.

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Color

CIELCh(58, 52.815, 21.765)

Conversions

Conversions Part 1

Format	Color
Hex	E0646C
RGB	224, 100, 108
RGB Percent	88%, 39%, 42%
CMY	0.1225, 0.6086, 0.5772
CMYK	0.00, 0.55, 0.52, 0.12
HSL	356°, 66%, 63%
HSV	356°, 55%, 88%
XYZ	37.8989, 25.9610, 17.1463
YIQ	137.9880, 71.3360, 28.7760

Conversions

Conversions Part 2

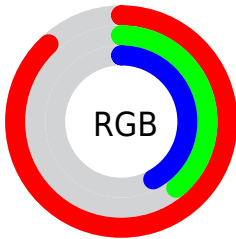
Format	Color
RYB	224, 100, 108
Decimal	14705772
CIELab	58.00, 49.05, 19.58
CIElCh	58, 52.815, 21.765
Yxy	25.9610, 0.4679, 0.3205
Android (android.graphics.Color)	4292895852 (0xFFE0646C)
YUV	137.9880, -14.7841, 75.4325
Hunter-Lab	50.9519, 43.6054, 15.7141

Details

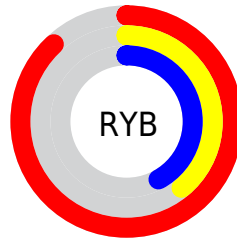
The CIELCh color **58, 52.815, 21.765** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **82, 36.891, 190.226**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 40.610, 19.635**, and **38, 52.701, 21.792** is the 20% darker color. If you saturate the color by 10%, you get **54, 63.144, 24.638**, and if you desaturate by 10%, it is **63, 42.377, 19.517**.

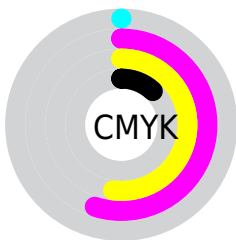
Distribution



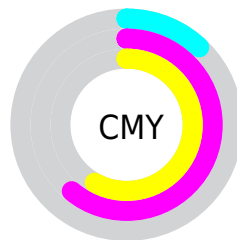
- Red (88%)
- Green (39%)
- Blue (42%)



- Red (88%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (55%)
- Yellow (52%)
- Black (12%)



- Cyan (12%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 52.815, 21.765 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, 52.815, 21.765 by changing the saturation by 10% instead.

 58, 52.815, 21.765

 58, 52.815, 21.765

 100, 52.815,
21.765

 48, 52.815, 21.765

 78, 52.815, 21.765

 38, 52.815, 21.765

 88, 52.815, 21.765

 28, 52.815, 21.765

 98, 52.815, 21.765

 18, 52.815, 21.765

 8, 52.815, 21.765

 0, 52.815, 21.765

 58, 52.815, 21.765

 58, 52.815, 21.765

 54, 63.144, 24.638

 63, 42.377, 19.517

 51, 73.011, 28.199

 68, 32.149, 17.762

■ 48, 82.012, 32.326

■ 74, 22.346, 16.384

■ 47, 89.466, 36.449

■ 80, 13.092, 15.280

■ 47, 92.146, 37.916

■ 86, 4.432, 14.319

■ 92, 3.638, 193.901

■ 98, 10.605,
196.901

■ 98, 10.579,
198.800

Harmonies

Complementary

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



58, 52.815, 21.765



82, 36.891, 190.226

Rectangle

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



58, 52.815, 21.765



58, 52.815, 71.765



58, 52.815, 201.765



58, 52.815, 251.765

Sweetspot

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



58, 52.812, 21.768



88, 16.165, 15.455



61, 75.607, 325.227



46, 10.889, 15.667



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 52.812, 21.768



61, 70.907, 24.989



69, 43.768, 61.856



44, 4.738, 14.708



36, 76.436, 37.333



6, 25.401, 18.221

Inverse Universe

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



58, 52.812, 21.768



61, 70.907, 24.989



67, 34.516, 258.548



44, 4.738, 14.708



36, 76.436, 37.333



6, 25.401, 18.221

Previews

White Background



This preview shows how the CIELCh color 58, 52.815, 21.765 looks on a white background.

Color Contrast Check

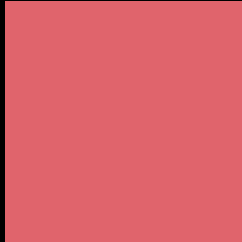
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.815, 21.765 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, 52.815, 21.765

Background



This preview shows how black text looks on a background with the CIELCh color 58, 52.815, 21.765.



This preview shows how white text looks on a background with the CIELCh color 58, 52.815, 21.765.

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, 52.815, 21.765

Protanopia

58, 7.208, 89.597

Deuteranopia

58, 23.150, 70.695



Tritanopia
58, 52.944, 22.354

Trichromacy



Original Color
58, 52.815, 21.765

Protanomaly
57, 21.009, 29.256

Deuteranomaly
58, 30.872, 41.132

Tritanomaly
58, 52.944, 22.354

Monochromacy



Original Color
58, 52.815, 21.765

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 18.688, 16.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 52.815, 21.765 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(224, 100, 108)` looks like.

```
.text, #text, p{  
    color:rgb(224, 100, 108)  
}
```

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(224, 100, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 100, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 52.815, 21.765 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(224, 100, 108) }
```

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

```
.border{ border-color:rgb(224, 100, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 100, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 100, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 100, 108);  
box-shadow:4px 4px 4px 4px rgb(224, 100,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 52.815, 21.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 100, 108) }
```

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

```
.background{ background-color: rgb(224,  
100, 108) }
```

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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