

Converting Colors

CIELCh(52, 58.814, 28.619)

Have a look what the booklet for
CIELCh(52, 58.814, 28.619) contains.

CIELCh(52, 58.729, 28.584)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 58.729, 28.584)

Conversions

Conversions Part 1

Format	Color
Hex	D3504F
RGB	211, 80, 79
RGB Percent	83%, 31%, 31%
CMY	0.1726, 0.6863, 0.6903
CMYK	0.00, 0.62, 0.63, 0.17
HSL	0°, 60%, 57%
HSV	0°, 63%, 83%
XYZ	31.1355, 20.1443, 9.6411
YIQ	119.0550, 78.3970, 27.4610

Conversions

Conversions Part 2

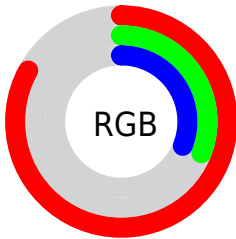
Format	Color
RYB	211, 80, 79
Decimal	13848655
CIELab	52.00, 51.57, 28.10
CIElCh	52, 58.729, 28.584
Yxy	20.1443, 0.5111, 0.3307
Android (android.graphics.Color)	4292038735 (0xFFD3504F)
YUV	119.0550, -19.7471, 80.6358
Hunter-Lab	44.8824, 45.2833, 18.6817

Details

The CIELCh color **52, 58.729, 28.584** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **78, 36.541, 197.699**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 51.033, 28.726**, and **32, 58.830, 28.773** is the 20% darker color. If you saturate the color by 10%, you get **49, 69.065, 31.625**, and if you desaturate by 10%, it is **56, 48.214, 26.136**.

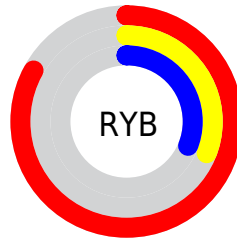
Distribution



Red (83%)

Green (31%)

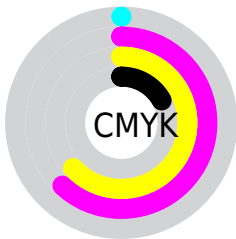
Blue (31%)



Red (83%)

Yellow (31%)

Blue (31%)

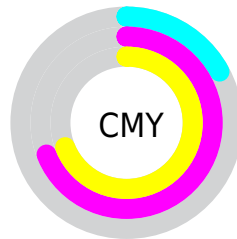


Cyan (0%)

Magenta (62%)

Yellow (63%)

Black (17%)



Cyan (17%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 58.729, 28.584 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 52, 58.729, 28.584 by changing the saturation by 10% instead.

■ 52, 58.729, 28.584

■ 52, 58.729, 28.584

■ 100, 58.729,
28.584

■ 42, 58.729, 28.584

■ 72, 58.729, 28.584

■ 32, 58.729, 28.584

■ 82, 58.729, 28.584

■ 22, 58.729, 28.584

■ 92, 58.729, 28.584

■ 12, 58.729, 28.584

■ 2, 58.729, 28.584

■ 0, 58.729, 28.584

■ 52, 58.729, 28.584

■ 52, 58.729, 28.584

■ 49, 69.065, 31.625

■ 56, 48.214, 26.136

■ 46, 78.689, 35.078

■ 61, 37.887, 24.233

45, 86.485, 38.266

66, 27.991, 22.776

44, 90.545, 40.068

72, 18.673, 21.660

77, 9.996, 20.787

83, 1.961, 19.899

89, 5.466, 199.791

95, 12.336,
199.335

97, 14.691,
198.527

Harmonies

Complementary

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



52, 58.729, 28.584



78, 36.541, 197.699

Rectangle

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



52, 58.729, 28.584



52, 58.729, 78.584



52, 58.729, 208.584



52, 58.729, 258.584

Sweetspot

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



52, 58.726, 28.587



87, 18.099, 21.345



56, 80.268, 327.535



45, 12.598, 21.615



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 58.726, 28.587



57, 83.423, 32.722



65, 48.091, 67.507



41, 4.426, 20.542



35, 76.350, 39.960



4, 19.924, 19.834

Inverse Universe

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



78, 36.541, 197.699



91, 46.393, 197.540



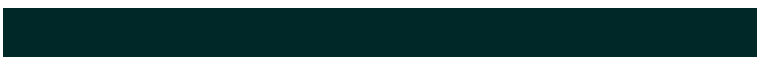
59, 40.139, 268.848



43, 4.171, 199.639



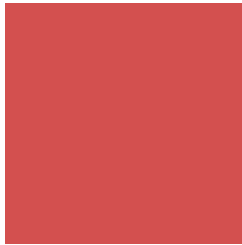
62, 36.317, 197.561



14, 13.916, 197.331

Previews

White Background



This preview shows how the CIELCh color 52, 58.729, 28.584 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 52, 58.729, 28.584 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 52, 58.729, 28.584

Background



This preview shows how black text looks on a background with the CIELCh color 52, 58.729, 28.584.



This preview shows how white text looks on a background with the CIELCh color 52, 58.729, 28.584.

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

52, 58.729, 28.584

Protanopia

52, 16.050, 94.065

Deuteranopia

52, 31.368, 77.358



Tritanopia
52, 58.032, 25.592

Trichromacy



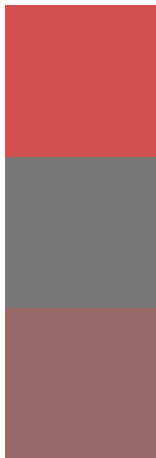
Original Color
52, 58.729, 28.584

Protanomaly
51, 26.564, 44.617

Deuteranomaly
51, 37.181, 49.509

Tritanomaly
52, 58.409, 26.649

Monochromacy



Original Color
52, 58.729, 28.584

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 20.401, 23.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 58.729, 28.584 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(211, 80, 79)` looks like.

```
.text, #text, p{  
    color:rgb(211, 80, 79)  
}
```

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(211, 80, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 80, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 58.729, 28.584 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(211, 80, 79) }
```

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

```
.border{ border-color:rgb(211, 80, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 80, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 80, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 80, 79);  
box-shadow:4px 4px 4px 4px rgb(211, 80,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 58.729, 28.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 80, 79) }
```

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

```
.background{ background-color: rgb(211, 80,  
79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor