

Converting Colors

CIELCh(55, 59.568, 27.845)

Have a look what the booklet for
CIELCh(55, 59.568, 27.845) contains.

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Color

CIELCh(55, 59.611, 27.770)

Conversions

Conversions Part 1

Format	Color
Hex	DE5757
RGB	222, 87, 87
RGB Percent	87%, 34%, 34%
CMY	0.1307, 0.6599, 0.6598
CMYK	0.00, 0.61, 0.61, 0.13
HSL	360°, 67%, 60%
HSV	360°, 61%, 87%
XYZ	35.1166, 22.9298, 11.5369
YIQ	127.3650, 80.4600, 28.6200

Conversions

Conversions Part 2

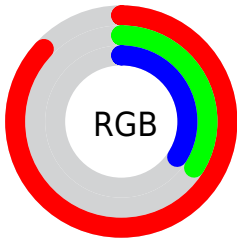
Format	Color
R_{YB}	222, 87, 87
Decimal	14571351
CIE Lab	55.00, 52.75, 27.77
CIE LCh	55, 59.611, 27.770
Yxy	22.9298, 0.5047, 0.3295
Android (android.graphics.Color)	4292761431 (0xFFDE5757)
YUV	127.3650, -19.8999, 82.9949
Hunter-Lab	47.8851, 47.1042, 19.2349

Details

The CIELCh color **55, 59.611, 27.770** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **81, 37.710, 196.836**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 47.332, 27.271**, and **35, 59.643, 27.572** is the 20% darker color. If you saturate the color by 10%, you get **51, 70.401, 30.820**, and if you desaturate by 10%, it is **59, 48.664, 25.337**.

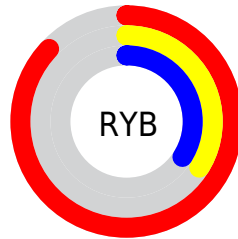
Distribution



Red (87%)

Green (34%)

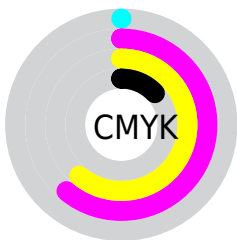
Blue (34%)



Red (87%)

Yellow (34%)

Blue (34%)

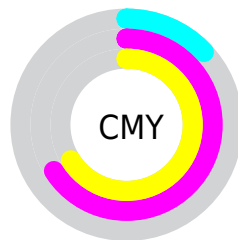


Cyan (0%)

Magenta (61%)

Yellow (61%)

Black (13%)



Cyan (13%)

Magenta (66%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 59.611, 27.770 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 55, 59.611, 27.770 by changing the saturation by 10% instead.

■ 55, 59.611, 27.770

■ 55, 59.611, 27.770

■ 100, 59.611,
27.770

■ 45, 59.611, 27.770

■ 75, 59.611, 27.770

■ 35, 59.611, 27.770

■ 85, 59.611, 27.770

■ 25, 59.611, 27.770

■ 95, 59.611, 27.770

■ 15, 59.611, 27.770

■ 5, 59.611, 27.770

■ 0, 59.611, 27.770

■ 55, 59.611, 27.770

■ 55, 59.611, 27.770

■ 51, 70.401, 30.820

■ 59, 48.664, 25.337

■ 49, 80.518, 34.350

■ 64, 37.931, 23.454

 47, 88.935, 37.761

 70, 27.664, 22.012


 46, 94.065, 39.993

 76, 18.007, 20.904

 82, 9.021, 20.029

 88, 0.703, 18.596

 94, 6.985, 199.018

 98, 11.261,
198.754

Harmonies

Complementary

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



55, 59.611, 27.770



81, 37.710, 196.836

Rectangle

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



55, 59.611, 27.770



55, 59.611, 77.770



55, 59.611, 207.770



55, 59.611, 257.770

Sweetspot

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



55, 59.608, 27.773



88, 17.206, 20.646



59, 81.605, 326.962



45, 12.094, 20.923



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 59.608, 27.773



58, 81.392, 31.736



68, 48.489, 66.107



43, 4.639, 19.913



36, 78.225, 39.919



5, 23.840, 20.259

Inverse Universe

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



55, 59.608, 27.773



58, 81.392, 31.736



63, 39.775, 266.447



43, 4.639, 19.913



36, 78.225, 39.919



5, 23.840, 20.259

Previews

White Background



This preview shows how the CIELCh color 55, 59.611, 27.770 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 55, 59.611, 27.770 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 55, 59.611, 27.770

Background



This preview shows how black text looks on a background with the CIELCh color 55, 59.611, 27.770.



This preview shows how white text looks on a background with the CIELCh color 55, 59.611, 27.770.

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
55, 59.154, 25.349

Trichromacy



Original Color
55, 59.611, 27.770

Protanomaly
54, 26.250, 43.236

Deuteranomaly
54, 37.466, 48.967

Tritanomaly
55, 59.518, 26.379

Monochromacy



Original Color
55, 59.611, 27.770

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 20.931, 21.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 59.611, 27.770 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(222, 87, 87)` looks like.

```
.text, #text, p{  
    color:rgb(222, 87, 87)  
}
```

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(222, 87, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 87, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 59.611, 27.770 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(222, 87, 87) }
```

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

```
.border{ border-color:rgb(222, 87, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 87, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 87, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 87, 87);  
box-shadow:4px 4px 4px 4px rgb(222, 87,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 59.611, 27.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 87, 87) }
```

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

```
.background{ background-color: rgb(222, 87,  
87) }
```

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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