

Converting Colors

CIELCh(53, 59.191, 28.031)

Have a look what the booklet for
CIELCh(53, 59.191, 28.031) contains.

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Color

CIELCh(53, 59.186, 28.027)

Conversions

Conversions Part 1

Format	Color
Hex	D75252
RGB	215, 82, 82
RGB Percent	84%, 32%, 32%
CMY	0.1575, 0.6789, 0.6789
CMYK	0.00, 0.62, 0.62, 0.16
HSL	360°, 62%, 58%
HSV	360°, 62%, 84%
XYZ	32.5059, 21.0462, 10.3088
YIQ	121.7670, 79.2680, 28.1960

Conversions

Conversions Part 2

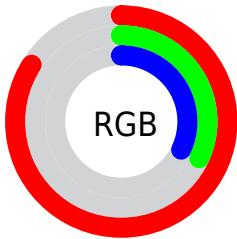
Format	Color
R_{YB}	215, 82, 82
Decimal	14111314
CIE _{Lab}	53.00, 52.25, 27.81
CIE _{LCh}	53, 59.186, 28.027
Yxy	21.0462, 0.5090, 0.3296
Android (android.graphics.Color)	4292301394 (0xFFD75252)
YUV	121.7670, -19.6051, 81.7653
Hunter-Lab	45.8761, 46.1944, 18.7903

Details

The CIELCh color **53, 59.186, 28.027** 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 **79, 37.154, 196.830**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 49.893, 28.072**, and **33, 59.167, 28.197** is the 20% darker color. If you saturate the color by 10%, you get **50, 69.673, 31.123**, and if you desaturate by 10%, it is **57, 48.509, 25.545**.

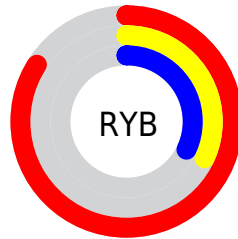
Distribution



Red (84%)

Green (32%)

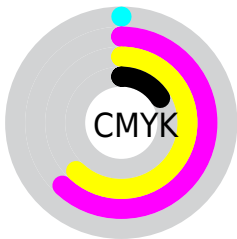
Blue (32%)



Red (84%)

Yellow (32%)

Blue (32%)

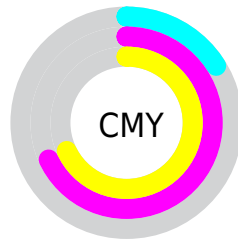


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (16%)



Cyan (16%)

Magenta (68%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 59.186, 28.027 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 53, 59.186, 28.027 by changing the saturation by 10% instead.

■ 53, 59.186, 28.027

■ 53, 59.186, 28.027

■ 100, 59.186,
28.027

■ 43, 59.186, 28.027

■ 73, 59.186, 28.027

■ 33, 59.186, 28.027

■ 83, 59.186, 28.027

■ 23, 59.186, 28.027

■ 93, 59.186, 28.027

■ 13, 59.186, 28.027

■ 3, 59.186, 28.027

■ 0, 59.186, 28.027

■ 53, 59.186, 28.027

■ 53, 59.186, 28.027

■ 50, 69.673, 31.123

■ 57, 48.509, 25.545

■ 47, 79.446, 34.669

■ 62, 38.013, 23.619

45, 87.432, 38.010

67, 27.952, 22.144

45, 91.887, 39.997

73, 18.476, 21.011

79, 9.650, 20.120

85, 1.477, 19.119

91, 6.079, 199.087

97, 13.071,
198.623

97, 13.460,
198.607

Harmonies

Complementary

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



53, 59.186, 28.027



79, 37.154, 196.830

Rectangle

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



53, 59.186, 28.027



53, 59.186, 78.027



53, 59.186, 208.027



53, 59.186, 258.027

Sweetspot

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



53, 59.183, 28.030



87, 18.234, 20.750



57, 80.616, 326.992



45, 12.691, 21.029



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 59.183, 28.030



58, 82.555, 32.096



66, 48.140, 65.992



42, 4.550, 19.923



35, 77.345, 39.895



5, 22.000, 19.763

Inverse Universe

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



53, 59.183, 28.030



58, 82.555, 32.096



61, 39.382, 266.752



42, 4.550, 19.923



35, 77.345, 39.895



5, 22.000, 19.763

Previews

White Background



This preview shows how the CIELCh color 53, 59.186, 28.027 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 53, 59.186, 28.027 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 53, 59.186, 28.027

Background



This preview shows how black text looks on a background with the CIELCh color 53, 59.186, 28.027.



This preview shows how white text looks on a background with the CIELCh color 53, 59.186, 28.027.

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

53, 59.186, 28.027

Protanopia

53, 15.321, 95.292

Deuteranopia

53, 30.774, 77.055



Tritanopia
53, 58.704, 25.584

Trichromacy



Original Color
53, 59.186, 28.027

Protanomaly
52, 26.093, 43.574

Deuteranomaly
52, 37.084, 48.577

Tritanomaly
53, 58.889, 26.107

Monochromacy



Original Color
53, 59.186, 28.027

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 21.121, 21.999

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 59.186, 28.027 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(215, 82, 82)` looks like.

```
.text, #text, p{  
    color:rgb(215, 82, 82)  
}
```

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(215, 82, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 82, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 59.186, 28.027 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(215, 82, 82) }
```

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

```
.border{ border-color:rgb(215, 82, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 82, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 82, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 82, 82);  
box-shadow:4px 4px 4px 4px rgb(215, 82,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 59.186, 28.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 82, 82) }
```

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

```
.background{ background-color: rgb(215, 82,  
82) }
```

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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