

Converting Colors

CIELCh(53, 70.987, 30.499)

Have a look what the booklet for
CIELCh(53, 70.987, 30.499) contains.

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Color

CIELCh(53, 71.041, 30.235)

Conversions

Conversions Part 1

Format	Color
Hex	E44445
RGB	228, 68, 69
RGB Percent	89%, 27%, 27%
CMY	0.1060, 0.7334, 0.7295
CMYK	0.00, 0.70, 0.70, 0.11
HSL	360°, 75%, 58%
HSV	360°, 70%, 89%
XYZ	35.1199, 21.0462, 7.8366
YIQ	115.9540, 95.0390, 34.2310

Conversions

Conversions Part 2

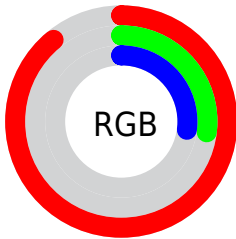
Format	Color
RYB	228, 68, 69
Decimal	14959685
CIELab	53.00, 61.38, 35.77
CIELCh	53, 71.041, 30.235
Yxy	21.0462, 0.5487, 0.3288
Android (android.graphics.Color)	4293149765 (0xFFE44445)
YUV	115.9540, -23.1483, 98.2643
Hunter-Lab	45.8761, 56.3651, 21.9853

Details

The CIELCh color **53, 71.041, 30.235** 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 **83, 41.780, 195.916**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 55.610, 29.641**, and **34, 68.956, 32.384** is the 20% darker color. If you saturate the color by 10%, you get **50, 81.384, 33.797**, and if you desaturate by 10%, it is **57, 60.046, 27.198**.

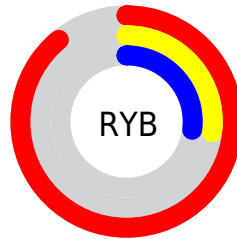
Distribution



Red (89%)

Green (27%)

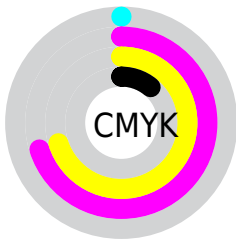
Blue (27%)



Red (89%)

Yellow (27%)

Blue (27%)

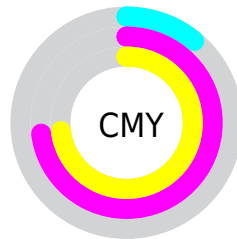


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 71.041, 30.235 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, 71.041, 30.235 by changing the saturation by 10% instead.

 53, 71.041, 30.235

 53, 71.041, 30.235

 100, 71.041,
30.235

 43, 71.041, 30.235

 73, 71.041, 30.235

 33, 71.041, 30.235

 83, 71.041, 30.235

 23, 71.041, 30.235

 93, 71.041, 30.235

 13, 71.041, 30.235

 3, 71.041, 30.235

 0, 71.041, 30.235

 53, 71.041, 30.235

 53, 71.041, 30.235

 50, 81.384, 33.797

 57, 60.046, 27.198

 48, 90.144, 37.339

 61, 48.913, 24.779

48, 95.813, 39.800

67, 38.001, 22.909

72, 27.563, 21.475

78, 17.747, 20.369

84, 8.611, 19.489

90, 0.150, 14.832

97, 7.676, 198.464

98, 9.198, 198.896

Harmonies

Complementary

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



53, 71.041, 30.235



83, 41.780, 195.916

Rectangle

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



53, 71.041, 30.235



53, 71.041, 80.235



53, 71.041, 210.235



53, 71.041, 260.235

Sweetspot

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



53, 71.038, 30.238



86, 20.299, 20.463



58, 92.418, 327.244



44, 13.886, 20.749



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, 71.038, 30.238



55, 93.026, 35.392



67, 58.046, 64.850



45, 4.816, 19.430



37, 79.704, 39.717



6, 27.083, 21.502

Inverse Universe

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



53, 71.038, 30.238



55, 93.026, 35.392



61, 46.423, 269.870



45, 4.816, 19.430



37, 79.704, 39.717



6, 27.083, 21.502

Previews

White Background



This preview shows how the CIELCh color 53, 71.041, 30.235 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, 71.041, 30.235 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, 71.041, 30.235

Background



This preview shows how black text looks on a background with the CIELCh color 53, 71.041, 30.235.



This preview shows how white text looks on a background with the CIELCh color 53, 71.041, 30.235.

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, 71.041, 30.235

Protanopia

53, 21.630, 95.690

Deuteranopia

53, 38.851, 79.722



Tritanopia
53, 70.571, 29.415

Trichromacy



Original Color
53, 71.041, 30.235

Protanomaly
51, 33.323, 46.446

Deuteranomaly
52, 46.157, 50.983

Tritanomaly
53, 70.805, 29.827

Monochromacy



Original Color
53, 71.041, 30.235

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 25.464, 22.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 71.041, 30.235 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(228, 68, 69)` looks like.

```
.text, #text, p{  
  color:rgb(228, 68, 69)  
}
```

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(228, 68, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 68, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 71.041, 30.235 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(228, 68, 69) }
```

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

```
.border{ border-color:rgb(228, 68, 69) }
```

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

Here you see how a box with a 4 pixel rgb(228, 68, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 68, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 68, 69);  
box-shadow:4px 4px 4px 4px rgb(228, 68,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 71.041, 30.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 68, 69) }
```

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

```
.background{ background-color: rgb(228, 68,  
69) }
```

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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