

Converting Colors

CIELCh(54, 64.779, 25.295)

Have a look what the booklet for
CIELCh(54, 64.779, 25.295) contains.

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Color

CIELCh(54, 64.779, 25.295)

Conversions

Conversions Part 1

Format	Color
Hex	E24C55
RGB	226, 76, 85
RGB Percent	89%, 30%, 33%
CMY	0.1140, 0.7022, 0.6669
CMYK	0.00, 0.66, 0.62, 0.11
HSL	356°, 72%, 59%
HSV	356°, 66%, 89%
XYZ	35.5625, 21.9746, 10.9515
YIQ	121.8760, 86.5110, 34.5990

Conversions

Conversions Part 2

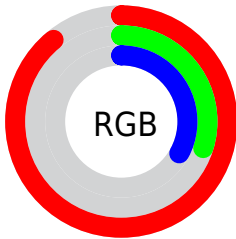
Format	Color
RYB	226, 76, 85
Decimal	14830677
CIELab	54.00, 58.57, 27.68
CIELCh	54, 64.779, 25.295
Yxy	21.9746, 0.5192, 0.3209
Android (android.graphics.Color)	4293020757 (0xFFE24C55)
YUV	121.8760, -18.1799, 91.3167
Hunter-Lab	46.8770, 53.3815, 18.9625

Details

The CIELCh color **54, 64.779, 25.295** 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 **82, 41.581, 189.956**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 50.967, 23.127**, and **34, 64.712, 25.422** is the 20% darker color. If you saturate the color by 10%, you get **51, 74.709, 28.914**, and if you desaturate by 10%, it is **58, 54.344, 22.365**.

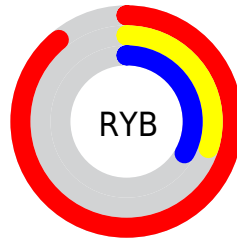
Distribution



Red (89%)

Green (30%)

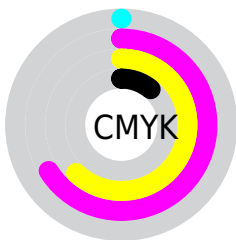
Blue (33%)



Red (89%)

Yellow (30%)

Blue (33%)

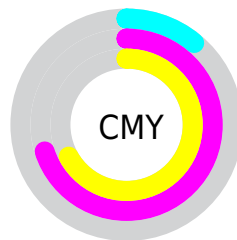


Cyan (0%)

Magenta (66%)

Yellow (62%)

Black (11%)



Cyan (11%)

Magenta (70%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 64.779, 25.295 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 54, 64.779, 25.295 by changing the saturation by 10% instead.

 54, 64.779, 25.295

 54, 64.779, 25.295

 100, 64.779,
25.295

 44, 64.779, 25.295

 74, 64.779, 25.295

 34, 64.779, 25.295

 84, 64.779, 25.295

 24, 64.779, 25.295

 94, 64.779, 25.295

 14, 64.779, 25.295

 4, 64.779, 25.295

 0, 64.779, 25.295

 54, 64.779, 25.295

 54, 64.779, 25.295

 51, 74.709, 28.914

 58, 54.344, 22.365

 49, 83.714, 33.048

 63, 43.785, 20.062

47, 90.995, 37.036

68, 33.420, 18.269

47, 93.043, 38.102

74, 23.476, 16.865

80, 14.084, 15.745

86, 5.296, 14.791

92, 2.890, 194.392

98, 9.869, 198.416

98, 9.864, 198.850

Harmonies

Complementary

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



54, 64.779, 25.295



82, 41.581, 189.956

Rectangle

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



54, 64.779, 25.295



54, 64.779, 75.295



54, 64.779, 205.295



54, 64.779, 255.295

Sweetspot

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



54, 64.776, 25.298



86, 19.216, 16.137



57, 87.997, 325.544



44, 13.239, 16.454



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 64.776, 25.298



56, 86.119, 30.592



66, 54.313, 60.688



44, 4.736, 15.079



36, 76.614, 37.520



6, 25.409, 18.415

Inverse Universe

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



54, 64.776, 25.298



56, 86.119, 30.592



64, 40.771, 262.283



44, 4.736, 15.079



36, 76.614, 37.520



6, 25.409, 18.415

Previews

White Background



This preview shows how the CIELCh color 54, 64.779, 25.295 looks on a white background.

Color Contrast Check

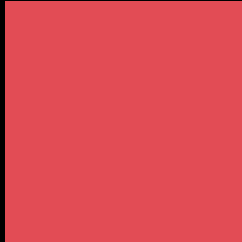
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 64.779, 25.295 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 54, 64.779, 25.295

Background



This preview shows how black text looks on a background with the CIELCh color 54, 64.779, 25.295.



This preview shows how white text looks on a background with the CIELCh color 54, 64.779, 25.295.

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

54, 64.779, 25.295

Protanopia

54, 13.056, 93.511

Deuteranopia

54, 31.126, 77.574



Tritanopia
54, 65.287, 27.466

Trichromacy



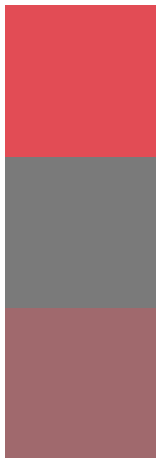
Original Color
54, 64.779, 25.295

Protanomaly
52, 27.174, 35.574

Deuteranomaly
53, 38.938, 45.731

Tritanomaly
54, 65.083, 27.004

Monochromacy



Original Color
54, 64.779, 25.295

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 23.616, 16.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 64.779, 25.295 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(226, 76, 85)` looks like.

```
.text, #text, p{  
    color:rgb(226, 76, 85)  
}
```

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(226, 76, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 76, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 64.779, 25.295 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(226, 76, 85) }
```

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

```
.border{ border-color:rgb(226, 76, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 76, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 76, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 76, 85);  
box-shadow:4px 4px 4px 4px rgb(226, 76,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 64.779, 25.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 76, 85) }
```

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

```
.background{ background-color: rgb(226, 76,  
85) }
```

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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