

Converting Colors

CIELCh(54, 64.406, 27.248)

Have a look what the booklet for
CIELCh(54, 64.406, 27.248) contains.

CIELCh(54, 64.406, 27.248)	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(54, 64.406, 27.248)

Conversions

Conversions Part 1

Format	Color
Hex	E14E52
RGB	225, 78, 82
RGB Percent	88%, 31%, 32%
CMY	0.1188, 0.6952, 0.6793
CMYK	0.00, 0.65, 0.64, 0.12
HSL	358°, 71%, 59%
HSV	358°, 65%, 88%
XYZ	35.1764, 21.9746, 10.3248
YIQ	122.4090, 86.3280, 32.4080

Conversions

Conversions Part 2

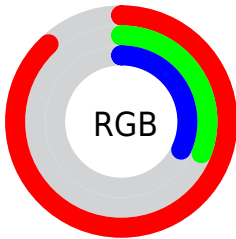
Format	Color
R_{YB}	225, 78, 82
Decimal	14765650
CIE Lab	54.00, 57.26, 29.49
CIE LCh	54, 64.406, 27.248
Yxy	21.9746, 0.5213, 0.3257
Android (android.graphics.Color)	4292955730 (0xFFE14E52)
YUV	122.4090, -19.9216, 89.9723
Hunter-Lab	46.8770, 51.9109, 19.7552

Details

The CIELCh color **54, 64.406, 27.248** 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, 40.266, 193.620**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 50.850, 26.479**, and **34, 64.495, 27.331** is the 20% darker color. If you saturate the color by 10%, you get **51, 74.761, 30.684**, and if you desaturate by 10%, it is **58, 53.647, 24.456**.

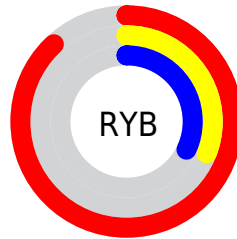
Distribution



Red (88%)

Green (31%)

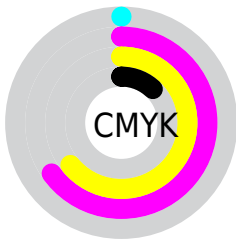
Blue (32%)



Red (88%)

Yellow (31%)

Blue (32%)

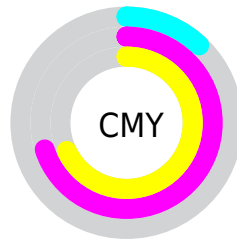


Cyan (0%)

Magenta (65%)

Yellow (64%)

Black (12%)



Cyan (12%)

Magenta (70%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 64.406, 27.248 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, 64.406, 27.248 by changing the saturation by 10% instead.

 54, 64.406, 27.248

 54, 64.406, 27.248

 100, 64.406,
27.248

 44, 64.406, 27.248

 74, 64.406, 27.248

 34, 64.406, 27.248

 84, 64.406, 27.248

 24, 64.406, 27.248

 94, 64.406, 27.248

 14, 64.406, 27.248

 4, 64.406, 27.248

 0, 64.406, 27.248

 54, 64.406, 27.248

 54, 64.406, 27.248

 51, 74.761, 30.684

 58, 53.647, 24.456

 48, 84.180, 34.538

 63, 42.886, 22.269

47, 91.545, 38.045

68, 32.426, 20.578

47, 93.908, 39.122

74, 22.472, 19.268

80, 13.131, 18.237

86, 4.436, 17.350

92, 3.629, 197.014

98, 10.271,
198.822

Harmonies

Complementary

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



54, 64.406, 27.248



82, 40.266, 193.620

Rectangle

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



54, 64.406, 27.248



54, 64.406, 77.248



54, 64.406, 207.248



54, 64.406, 257.248

Sweetspot

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



54, 64.403, 27.251



86, 19.228, 18.697



58, 86.919, 326.580



44, 13.256, 18.995



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, 64.403, 27.251



57, 85.669, 31.872



67, 53.078, 63.935



44, 4.727, 17.709



36, 77.912, 38.822



6, 25.475, 19.786

Inverse Universe

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



54, 64.403, 27.251



57, 85.669, 31.872



62, 41.961, 266.089



44, 4.727, 17.709



36, 77.912, 38.822



6, 25.475, 19.786

Previews

White Background



This preview shows how the CIELCh color 54, 64.406, 27.248 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, 64.406, 27.248 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, 64.406, 27.248

Background



This preview shows how black text looks on a background with the CIELCh color 54, 64.406, 27.248.



This preview shows how white text looks on a background with the CIELCh color 54, 64.406, 27.248.

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
54, 64.406, 27.248

Trichromacy



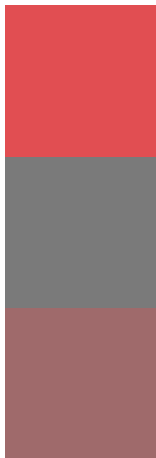
Original Color
54, 64.406, 27.248

Protanomaly
52, 28.604, 39.556

Deuteranomaly
53, 39.959, 47.623

Tritanomaly
54, 64.406, 27.248

Monochromacy



Original Color
54, 64.406, 27.248

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 22.849, 20.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 64.406, 27.248 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(225, 78, 82)` looks like.

```
.text, #text, p{  
    color:rgb(225, 78, 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(225, 78, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 78, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 64.406, 27.248 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(225, 78, 82) }
```

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

```
.border{ border-color:rgb(225, 78, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 78, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 78, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 78, 82);  
box-shadow:4px 4px 4px 4px rgb(225, 78,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 64.406, 27.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 78, 82) }
```

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

```
.background{ background-color: rgb(225, 78,  
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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