

Converting Colors

CIELCh(55, 66.208, 20.996)

Have a look what the booklet for
CIELCh(55, 66.208, 20.996) contains.

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Color

CIELCh(55, 66.212, 21.045)

Conversions

Conversions Part 1

Format	Color
Hex	E84A5E
RGB	232, 74, 94
RGB Percent	91%, 29%, 37%
CMY	0.0893, 0.7089, 0.6307
CMYK	0.00, 0.68, 0.59, 0.09
HSL	352°, 78%, 60%
HSV	352°, 68%, 91%
XYZ	37.8416, 22.9298, 13.0614
YIQ	123.5220, 87.7480, 39.7160

Conversions

Conversions Part 2

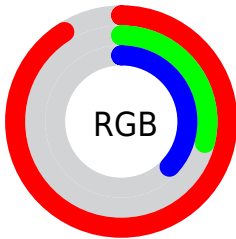
Format	Color
RYB	232, 74, 94
Decimal	15223390
CIELab	55.00, 61.80, 23.78
CIElCh	55, 66.212, 21.045
Yxy	22.9298, 0.5125, 0.3106
Android (android.graphics.Color)	4293413470 (0xFFE84A5E)
YUV	123.5220, -14.5543, 95.1352
Hunter-Lab	47.8851, 57.2623, 17.3473

Details

The CIELCh color **55, 66.212, 21.045** 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 **84, 45.256, 182.853**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 50.502, 17.251**, and **36, 65.141, 22.301** is the 20% darker color. If you saturate the color by 10%, you get **52, 75.347, 24.945**, and if you desaturate by 10%, it is **59, 56.327, 17.913**.

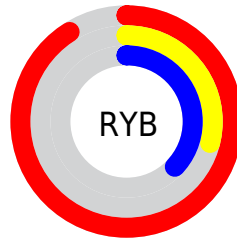
Distribution



Red (91%)

Green (29%)

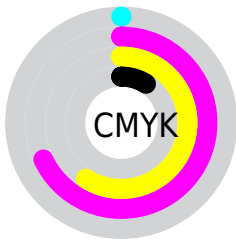
Blue (37%)



Red (91%)

Yellow (29%)

Blue (37%)

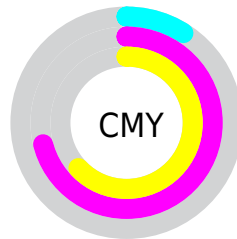


Cyan (0%)

Magenta (68%)

Yellow (59%)

Black (9%)



Cyan (9%)

Magenta (71%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 66.212, 21.045 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, 66.212, 21.045 by changing the saturation by 10% instead.

 55, 66.212, 21.045

 55, 66.212, 21.045

 100, 66.212,
21.045

 45, 66.212, 21.045

 75, 66.212, 21.045

 35, 66.212, 21.045

 85, 66.212, 21.045

 25, 66.212, 21.045

 95, 66.212, 21.045

 15, 66.212, 21.045

 5, 66.212, 21.045

 0, 66.212, 21.045

 55, 66.212, 21.045

 55, 66.212, 21.045

 52, 75.347, 24.945

 59, 56.327, 17.913

 50, 83.485, 29.533

 64, 46.053, 15.446

49, 90.389, 34.313

69, 35.745, 13.504

49, 91.633, 35.129

75, 25.684, 11.959

81, 16.050, 10.705

87, 6.935, 9.639

93, 1.634, 189.238

98, 7.781, 198.998

Harmonies

Complementary

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



55, 66.212, 21.045



84, 45.256, 182.853

Rectangle

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



55, 66.212, 21.045



55, 66.212, 71.045



55, 66.212, 201.045



55, 66.212, 251.045

Sweetspot

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



55, 66.209, 21.047



87, 19.317, 10.945



57, 91.176, 323.452



44, 13.290, 11.288



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, 66.209, 21.047



56, 84.845, 26.885



65, 57.926, 54.472



46, 4.963, 9.787



38, 75.380, 34.330



7, 28.075, 17.536

Inverse Universe

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



55, 66.209, 21.047



56, 84.845, 26.885



68, 39.140, 253.589



46, 4.963, 9.787



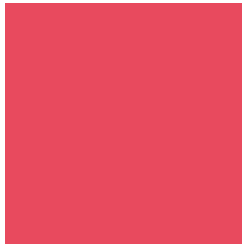
38, 75.380, 34.330



7, 28.075, 17.536

Previews

White Background



This preview shows how the CIELCh color 55, 66.212, 21.045 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 CIE LCh color 55, 66.212, 21.045 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, 66.212, 21.045

Background



This preview shows how black text looks on a background with the CIELCh color 55, 66.212, 21.045.



This preview shows how white text looks on a background with the CIELCh color 55, 66.212, 21.045.

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

55, 66.212, 21.045

Protanopia

55, 7.149, 92.650

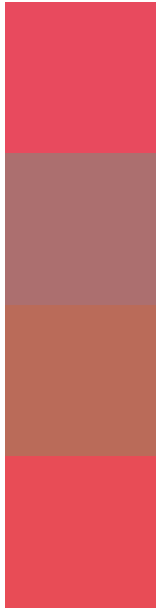
Deuteranopia

55, 27.582, 74.529



Tritanopia
55, 67.690, 27.849

Trichromacy



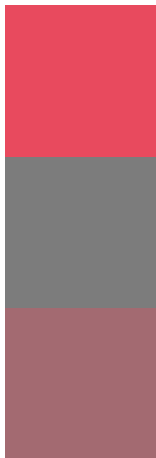
Original Color
55, 66.212, 21.045

Protanomaly
53, 26.224, 22.557

Deuteranomaly
54, 37.931, 38.732

Tritanomaly
55, 66.964, 25.325

Monochromacy



Original Color
55, 66.212, 21.045

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 24.407, 13.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 66.212, 21.045 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(232, 74, 94)` looks like.

```
.text, #text, p{  
    color:rgb(232, 74, 94)  
}
```

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(232, 74, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 74, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 66.212, 21.045 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(232, 74, 94) }
```

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

```
.border{ border-color:rgb(232, 74, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 74, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 74, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 74, 94);  
box-shadow:4px 4px 4px 4px rgb(232, 74,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 66.212, 21.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 74, 94) }
```

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

```
.background{ background-color: rgb(232, 74,  
94) }
```

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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