

Converting Colors

CIELCh(55, 66.253, 20.486)

Have a look what the booklet for
CIELCh(55, 66.253, 20.486) contains.

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Color

CIELCh(55, 66.074, 20.568)

Conversions

Conversions Part 1

Format	Color
Hex	E84A5F
RGB	232, 74, 95
RGB Percent	91%, 29%, 37%
CMY	0.0896, 0.7092, 0.6270
CMYK	0.00, 0.68, 0.59, 0.09
HSL	352°, 78%, 60%
HSV	352°, 68%, 91%
XYZ	37.8622, 22.9298, 13.2866
YIQ	123.6360, 87.4270, 40.0270

Conversions

Conversions Part 2

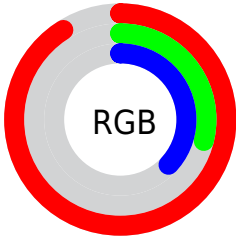
Format	Color
R_YB	232, 74, 95
Decimal	15223391
CIE Lab	55.00, 61.86, 23.21
CIE LCh	55, 66.074, 20.568
Yxy	22.9298, 0.5111, 0.3095
Android (android.graphics.Color)	4293413471 (0xFFE84A5F)
YUV	123.6360, -14.1175, 95.0352
Hunter-Lab	47.8851, 57.3389, 17.0684

Details

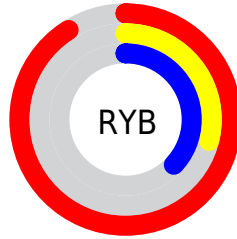
The CIELCh color **55, 66.074, 20.568** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **84, 45.493, 182.213**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 50.443, 16.642**, and **36, 64.950, 21.779** is the 20% darker color. If you saturate the color by 10%, you get **52, 75.121, 24.476**, and if you desaturate by 10%, it is **59, 56.258, 17.434**.

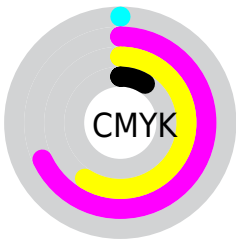
Distribution



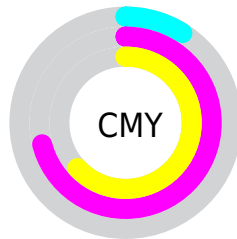
- Red (91%)
- Green (29%)
- Blue (37%)



- 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, 66.074, 20.568 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, 66.074, 20.568 by changing the saturation by 10% instead.

 55, 66.074, 20.568

 55, 66.074, 20.568

 100, 66.074,
20.568

 45, 66.074, 20.568

 75, 66.074, 20.568

 35, 66.074, 20.568

 85, 66.074, 20.568

 25, 66.074, 20.568

 95, 66.074, 20.568

 15, 66.074, 20.568

 5, 66.074, 20.568

 0, 66.074, 20.568

 55, 66.074, 20.568

 55, 66.074, 20.568

 52, 75.121, 24.476

 59, 56.258, 17.434

 50, 83.162, 29.090

 64, 46.033, 14.964

49, 90.008, 33.936

69, 35.755, 13.019

49, 91.243, 34.766

75, 25.709, 11.469

81, 16.079, 10.208

87, 6.958, 9.135

93, 1.623, 188.727

98, 7.801, 198.997

Harmonies

Complementary

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



55, 66.074, 20.568



84, 45.493, 182.213

Rectangle

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



55, 66.074, 20.568



55, 66.074, 70.568



55, 66.074, 200.568



55, 66.074, 250.568

Sweetspot

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



55, 66.071, 20.570



87, 19.336, 10.447



57, 91.174, 323.452



44, 13.301, 10.792



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, 66.071, 20.570



56, 84.558, 26.418



65, 57.931, 54.471



46, 4.970, 9.282



38, 75.070, 33.950



7, 28.058, 17.270

Inverse Universe

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



55, 66.071, 20.570



56, 84.558, 26.418



68, 39.139, 253.595



46, 4.970, 9.282



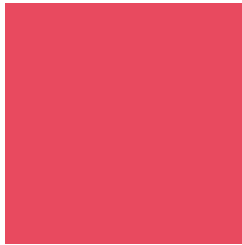
38, 75.070, 33.950



7, 28.058, 17.270

Previews

White Background



This preview shows how the CIELCh color 55, 66.074, 20.568 looks on a white background.

Color Contrast Check

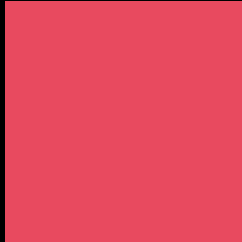
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 66.074, 20.568 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, 66.074, 20.568

Background



This preview shows how black text looks on a background with the CIELCh color 55, 66.074, 20.568.



This preview shows how white text looks on a background with the CIELCh color 55, 66.074, 20.568.

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, 66.074, 20.568

Protanopia

55, 6.602, 91.340

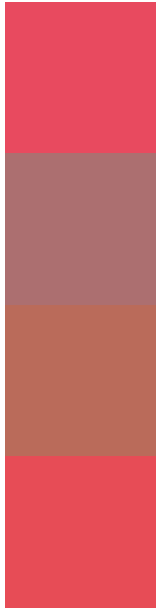
Deuteranopia

55, 27.095, 74.005



Tritanopia
55, 67.290, 27.787

Trichromacy



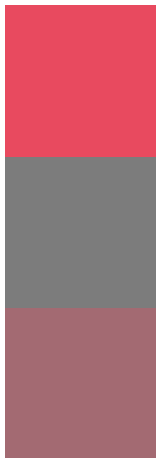
Original Color
55, 66.074, 20.568

Protanomaly
53, 26.137, 21.329

Deuteranomaly
54, 37.660, 37.989

Tritanomaly
55, 66.571, 25.243

Monochromacy



Original Color
55, 66.074, 20.568

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 24.424, 11.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 66.074, 20.568 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(232, 74, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 74, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 66.074, 20.568 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, 95) }
```

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

```
.border{ border-color:rgb(232, 74, 95) }
```

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, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 74, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 74, 95);  
box-shadow:4px 4px 4px 4px rgb(232, 74,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 66.074, 20.568 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, 95) }
```

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

```
.background{ background-color: rgb(232, 74,  
95) }
```

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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