

Converting Colors

CIELCh(56, 67.540, 20.933)

Have a look what the booklet for
CIELCh(56, 67.540, 20.933) contains.

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Color

CIELCh(56, 67.540, 20.933)

Conversions

Conversions Part 1

Format	Color
Hex	ED4B60
RGB	237, 75, 96
RGB Percent	93%, 29%, 38%
CMY	0.0702, 0.7055, 0.6232
CMYK	0.00, 0.68, 0.59, 0.07
HSL	352°, 82%, 61%
HSV	352°, 68%, 93%
XYZ	39.5955, 23.9124, 13.6134
YIQ	125.8320, 89.8110, 40.8750

Conversions

Conversions Part 2

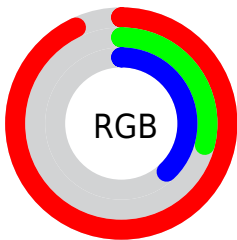
Format	Color
RYB	237, 75, 96
Decimal	15551328
CIELab	56.00, 63.08, 24.13
CIELCh	56, 67.540, 20.933
Yxy	23.9124, 0.5134, 0.3101
Android (android.graphics.Color)	4293741408 (0xFFED4B60)
YUV	125.8320, -14.7072, 97.4943
Hunter-Lab	48.9003, 58.9592, 17.7244

Details

The CIELCh color **56, 67.540, 20.933** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **86, 46.238, 182.493**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 49.603, 16.948**, and **36, 66.147, 21.969** is the 20% darker color. If you saturate the color by 10%, you get **53, 76.753, 24.870**, and if you desaturate by 10%, it is **60, 57.542, 17.770**.

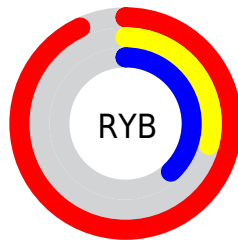
Distribution



Red (93%)

Green (29%)

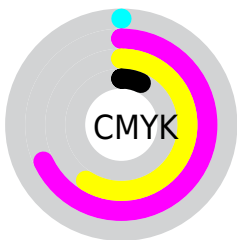
Blue (38%)



Red (93%)

Yellow (29%)

Blue (38%)

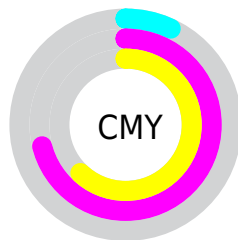


Cyan (0%)

Magenta (68%)

Yellow (59%)

Black (7%)



Cyan (7%)

Magenta (71%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 67.540, 20.933 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 56, 67.540, 20.933 by changing the saturation by 10% instead.

 56, 67.540, 20.933

 56, 67.540, 20.933

 100, 67.540,
20.933

 46, 67.540, 20.933

 76, 67.540, 20.933

 36, 67.540, 20.933

 86, 67.540, 20.933

 26, 67.540, 20.933

 96, 67.540, 20.933

 16, 67.540, 20.933

 6, 67.540, 20.933

 0, 67.540, 20.933

 56, 67.540, 20.933

 56, 67.540, 20.933

 53, 76.753, 24.870

 60, 57.542, 17.770

 51, 84.939, 29.497

 65, 47.125, 15.278

50, 91.880, 34.304

70, 36.653, 13.318

50, 92.954, 35.007

76, 26.416, 11.757

82, 16.604, 10.491

88, 7.314, 9.417

95, 1.423, 189.063

99, 6.144, 199.124

Harmonies

Complementary

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



56, 67.540, 20.933



86, 46.238, 182.493

Rectangle

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



56, 67.540, 20.933



56, 67.540, 70.933



56, 67.540, 200.933



56, 67.540, 250.933

Sweetspot

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



56, 67.537, 20.935



87, 19.326, 10.696



58, 92.978, 323.457



44, 13.295, 11.040



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 67.537, 20.935



56, 84.701, 26.652



66, 59.215, 54.448



46, 4.967, 9.535



38, 75.225, 34.142



7, 28.066, 17.404

Inverse Universe

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



56, 67.537, 20.935



56, 84.701, 26.652



69, 39.921, 253.724



46, 4.967, 9.535



38, 75.225, 34.142



7, 28.066, 17.404

Previews

White Background



This preview shows how the CIELCh color 56, 67.540, 20.933 looks on a white background.

Color Contrast Check

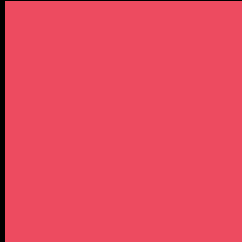
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 67.540, 20.933 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 56, 67.540, 20.933

Background



This preview shows how black text looks on a background with the CIELCh color 56, 67.540, 20.933.



This preview shows how white text looks on a background with the CIELCh color 56, 67.540, 20.933.

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](#).

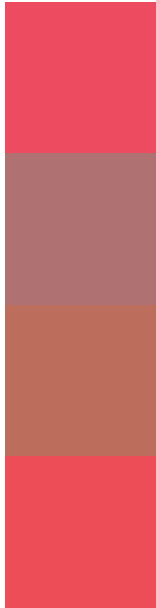
Dichromacy





Tritanopia
56, 68.809, 27.949

Trichromacy



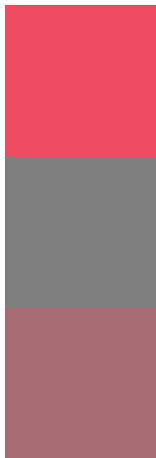
Original Color
56, 67.540, 20.933

Protanomaly
54, 26.570, 22.558

Deuteranomaly
55, 38.217, 38.558

Tritanomaly
56, 68.076, 25.478

Monochromacy



Original Color
56, 67.540, 20.933

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 25.227, 12.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 67.540, 20.933 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(237, 75, 96)` looks like.

```
.text, #text, p{  
    color:rgb(237, 75, 96)  
}
```

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(237, 75, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 75, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 67.540, 20.933 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(237, 75, 96) }
```

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

```
.border{ border-color:rgb(237, 75, 96) }
```

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

Here you see how a box with a 4 pixel rgb(237, 75, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 75, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 75, 96);  
box-shadow:4px 4px 4px 4px rgb(237, 75,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 67.540, 20.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 75, 96) }
```

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

```
.background{ background-color: rgb(237, 75,  
96) }
```

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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