

Converting Colors

CIELCh(56, 66.862, 27.084)

Have a look what the booklet for
CIELCh(56, 66.862, 27.084) contains.

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Color

CIELCh(56, 66.862, 27.084)

Conversions

Conversions Part 1

Format	Color
Hex	EA5055
RGB	234, 80, 85
RGB Percent	92%, 31%, 33%
CMY	0.0820, 0.6859, 0.6664
CMYK	0.00, 0.66, 0.64, 0.08
HSL	358°, 79%, 62%
HSV	358°, 66%, 92%
XYZ	38.4762, 23.9124, 11.1952
YIQ	126.6160, 90.1790, 34.2030

Conversions

Conversions Part 2

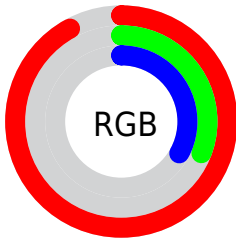
Format	Color
R _Y B	234, 80, 85
Decimal	15355989
CIE Lab	56.00, 59.53, 30.44
CIE LCh	56, 66.862, 27.084
Yxy	23.9124, 0.5229, 0.3250
Android (android.graphics.Color)	4293546069 (0xFFEA5055)
YUV	126.6160, -20.5167, 94.1758
Hunter-Lab	48.9003, 54.8735, 20.6564

Details

The CIELCh color **56, 66.862, 27.084** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **85, 41.830, 193.051**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 49.266, 25.701**, and **36, 66.707, 26.946** is the 20% darker color. If you saturate the color by 10%, you get **53, 77.470, 30.581**, and if you desaturate by 10%, it is **60, 55.805, 24.239**.

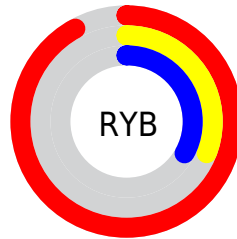
Distribution



Red (92%)

Green (31%)

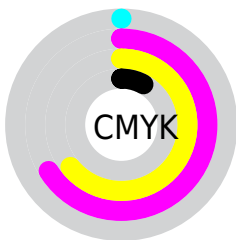
Blue (33%)



Red (92%)

Yellow (31%)

Blue (33%)

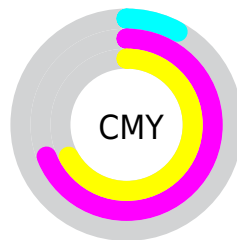


Cyan (0%)

Magenta (66%)

Yellow (64%)

Black (8%)



Cyan (8%)

Magenta (69%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 66.862, 27.084 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, 66.862, 27.084 by changing the saturation by 10% instead.

 56, 66.862, 27.084

 56, 66.862, 27.084

 100, 66.862,
27.084

 46, 66.862, 27.084

 76, 66.862, 27.084

 36, 66.862, 27.084

 86, 66.862, 27.084

 26, 66.862, 27.084

 96, 66.862, 27.084

 16, 66.862, 27.084

 6, 66.862, 27.084

 0, 66.862, 27.084

 56, 66.862, 27.084

 56, 66.862, 27.084

 53, 77.470, 30.581

 60, 55.805, 24.239

 50, 87.081, 34.494

 65, 44.713, 22.009

49, 94.548, 38.042

71, 33.908, 20.283

49, 96.722, 39.023

77, 23.608, 18.945

83, 13.932, 17.891

89, 4.919, 16.992

95, 3.445, 196.643

99, 7.158, 199.045

Harmonies

Complementary

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



56, 66.862, 27.084



85, 41.830, 193.051

Rectangle

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



56, 66.862, 27.084



56, 66.862, 77.084



56, 66.862, 207.084



56, 66.862, 257.084

Sweetspot

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



56, 66.859, 27.087



86, 19.224, 18.316



60, 90.175, 326.595



44, 13.252, 18.618



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, 66.859, 27.087



56, 86.488, 31.959



70, 55.245, 63.867



46, 4.905, 17.321



38, 79.419, 38.668



7, 28.397, 21.405

Inverse Universe

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



56, 66.859, 27.087



56, 86.488, 31.959



65, 43.600, 266.286



46, 4.905, 17.321



38, 79.419, 38.668



7, 28.397, 21.405

Previews

White Background



This preview shows how the CIELCh color 56, 66.862, 27.084 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, 66.862, 27.084 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, 66.862, 27.084

Background



This preview shows how black text looks on a background with the CIELCh color 56, 66.862, 27.084.



This preview shows how white text looks on a background with the CIELCh color 56, 66.862, 27.084.

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, 66.862, 27.084

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 66.862, 27.084 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(234, 80, 85)` looks like.

```
.text, #text, p{  
    color:rgb(234, 80, 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(234, 80, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 80, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 66.862, 27.084 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(234, 80, 85) }
```

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

```
.border{ border-color:rgb(234, 80, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 80, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 80, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 80, 85);  
box-shadow:4px 4px 4px 4px rgb(234, 80,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 66.862, 27.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 80, 85) }
```

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

```
.background{ background-color: rgb(234, 80,  
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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