

Converting Colors

CIELCh(56, 73.009, 28.508)

Have a look what the booklet for
CIELCh(56, 73.009, 28.508) contains.

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Color

CIELCh(56, 73.139, 28.351)

Conversions

Conversions Part 1

Format	Color
Hex	F1484E
RGB	241, 72, 78
RGB Percent	95%, 28%, 31%
CMY	0.0546, 0.7173, 0.6939
CMYK	0.00, 0.70, 0.68, 0.05
HSL	358°, 86%, 61%
HSV	358°, 70%, 95%
XYZ	40.0054, 23.9124, 9.7269
YIQ	123.2150, 98.7980, 37.6940

Conversions

Conversions Part 2

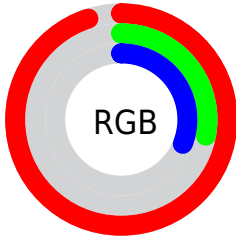
Format	Color
R_{YB}	241, 72, 78
Decimal	15812686
CIE _{Lab}	56.00, 64.37, 34.73
CIE _{LCh}	56, 73.139, 28.351
Yxy	23.9124, 0.5432, 0.3247
Android (android.graphics.Color)	4294002766 (0xFFFF1484E)
YUV	123.2150, -22.2910, 103.2974
Hunter-Lab	48.9003, 60.4553, 22.4367

Details

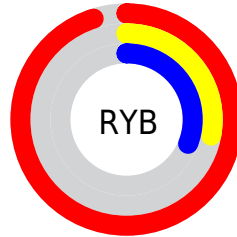
The CIELCh color **56, 73.139, 28.351** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **87, 44.348, 192.494**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 52.774, 26.732**, and **37, 71.180, 30.271** is the 20% darker color. If you saturate the color by 10%, you get **53, 83.601, 32.110**, and if you desaturate by 10%, it is **60, 61.996, 25.201**.

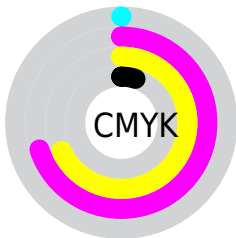
Distribution



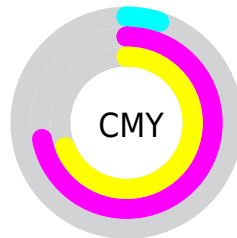
- Red (95%)
- Green (28%)
- Blue (31%)



- Red (95%)
- Yellow (28%)
- Blue (31%)



- Cyan (0%)
- Magenta (70%)
- Yellow (68%)
- Black (5%)



- Cyan (5%)
- Magenta (72%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 73.139, 28.351 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, 73.139, 28.351 by changing the saturation by 10% instead.

 56, 73.139, 28.351

 56, 73.139, 28.351

 100, 73.139,
28.351

 46, 73.139, 28.351

 76, 73.139, 28.351

 36, 73.139, 28.351

 86, 73.139, 28.351

 26, 73.139, 28.351

 96, 73.139, 28.351

 16, 73.139, 28.351

 6, 73.139, 28.351

 0, 73.139, 28.351

 56, 73.139, 28.351

 56, 73.139, 28.351

 53, 83.601, 32.110

 60, 61.996, 25.201

 51, 92.664, 36.045

 65, 50.636, 22.700

50, 98.833, 38.972

70, 39.428, 20.759

76, 28.646, 19.257

82, 18.457, 18.083

89, 8.934, 17.134

95, 0.085, 9.006

99, 4.794, 199.240

Harmonies

Complementary

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



56, 73.139, 28.351



87, 44.348, 192.494

Rectangle

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



56, 73.139, 28.351



56, 73.139, 78.351



56, 73.139, 208.351



56, 73.139, 258.351

Sweetspot

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



56, 73.136, 28.354



86, 20.257, 18.185



60, 96.324, 326.166



44, 13.849, 18.490



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, 73.136, 28.354



55, 91.404, 33.769



70, 60.800, 61.763



47, 4.993, 17.079



38, 80.148, 38.572



8, 29.649, 22.389

Inverse Universe

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



56, 73.136, 28.354



55, 91.404, 33.769



65, 46.125, 265.927



47, 4.993, 17.079



38, 80.148, 38.572



8, 29.649, 22.389

Previews

White Background



This preview shows how the CIELCh color 56, 73.139, 28.351 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, 73.139, 28.351 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, 73.139, 28.351

Background



This preview shows how black text looks on a background with the CIELCh color 56, 73.139, 28.351.



This preview shows how white text looks on a background with the CIELCh color 56, 73.139, 28.351.

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
56, 73.139, 28.351

Protanopia
56, 18.684, 94.604

Deuteranopia
56, 37.781, 78.958



Tritanopia
56, 73.585, 29.146

Trichromacy



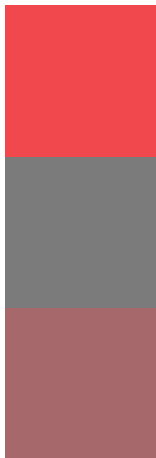
Original Color
56, 73.139, 28.351

Protanomaly
54, 32.845, 40.558

Deuteranomaly
55, 46.171, 48.639

Tritanomaly
56, 73.360, 28.751

Monochromacy



Original Color
56, 73.139, 28.351

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 26.753, 19.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 73.139, 28.351 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(241, 72, 78)` looks like.

```
.text, #text, p{  
    color:rgb(241, 72, 78)  
}
```

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(241, 72, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 72, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 73.139, 28.351 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(241, 72, 78) }
```

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

```
.border{ border-color:rgb(241, 72, 78) }
```

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

Here you see how a box with a 4 pixel rgb(241, 72, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 72, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 72, 78);  
box-shadow:4px 4px 4px 4px rgb(241, 72,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 73.139, 28.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 72, 78) }
```

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

```
.background{ background-color: rgb(241, 72,  
78) }
```

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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