

Converting Colors

CIELCh(60, 56.325, 12.307)

Have a look what the booklet for
CIELCh(60, 56.325, 12.307) contains.

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Color

CIELCh(60, 56.144, 12.352)

Conversions

Conversions Part 1

Format	Color
Hex	EB637E
RGB	235, 99, 126
RGB Percent	92%, 39%, 49%
CMY	0.0781, 0.6114, 0.5056
CMYK	0.00, 0.58, 0.46, 0.08
HSL	348°, 77%, 66%
HSV	348°, 58%, 92%
XYZ	42.5291, 28.1233, 22.9497
YIQ	142.7420, 72.3890, 37.2290

Conversions

Conversions Part 2

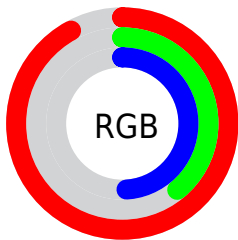
Format	Color
R _Y B	235, 99, 126
Decimal	15426430
CIE Lab	60.00, 54.84, 12.01
CIE LCh	60, 56.144, 12.352
Yxy	28.1233, 0.4544, 0.3005
Android (android.graphics.Color)	4293616510 (0xFFEB637E)
YUV	142.7420, -8.2538, 80.9103
Hunter-Lab	53.0314, 50.3449, 11.4639

Details

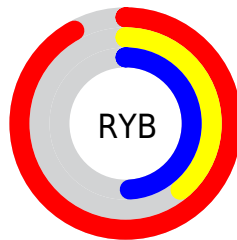
The CIELCh color **60, 56.144, 12.352** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **85, 43.496, 177.396**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 40.713, 5.390**, and **40, 56.246, 12.731** is the 20% darker color. If you saturate the color by 10%, you get **56, 65.430, 15.440**, and if you desaturate by 10%, it is **65, 46.229, 9.922**.

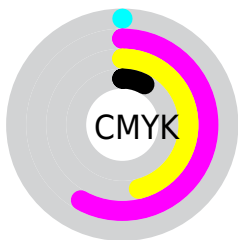
Distribution



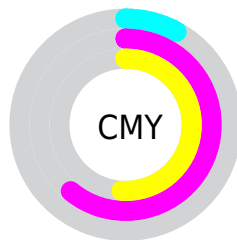
- Red (92%)
- Green (39%)
- Blue (49%)



- Red (92%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (58%)
- Yellow (46%)
- Black (8%)



- Cyan (8%)
- Magenta (61%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 56.144, 12.352 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 60, 56.144, 12.352 by changing the saturation by 10% instead.

 60, 56.144, 12.352

 60, 56.144, 12.352

 100, 56.144,
12.352

 50, 56.144, 12.352

 80, 56.144, 12.352

 40, 56.144, 12.352

 90, 56.144, 12.352

 30, 56.144, 12.352

 20, 56.144, 12.352

 10, 56.144, 12.352

 0, 56.144, 12.352

 60, 56.144, 12.352

 60, 56.144, 12.352

 56, 65.430, 15.440

 65, 46.229, 9.922

 53, 73.728, 19.326

 70, 36.088, 7.990

■ 51, 80.850, 24.058

■ 76, 26.040, 6.428

■ 50, 86.911, 29.383

■ 82, 16.299, 5.137

■ 49, 88.187, 30.474

■ 88, 6.984, 4.019

■ 94, 1.853, 183.499

■ 99, 6.822, 199.071

Harmonies

Complementary

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



60, 56.144, 12.352



85, 43.496, 177.396

Rectangle

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



60, 56.144, 12.352



60, 56.144, 62.352



60, 56.144, 192.352



60, 56.144, 242.352

Sweetspot

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



60, 56.141, 12.354



89, 16.547, 5.045



60, 80.373, 321.163



46, 11.124, 5.285



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 56.141, 12.354



60, 70.937, 15.952



68, 49.249, 48.905



46, 5.066, 4.194



38, 71.880, 29.483



7, 27.910, 14.511

Inverse Universe

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



60, 56.141, 12.354



60, 70.937, 15.952



74, 33.207, 240.033



46, 5.066, 4.194



38, 71.880, 29.483



7, 27.910, 14.511

Previews

White Background



This preview shows how the CIELCh color 60, 56.144, 12.352 looks on a white background.

Color Contrast Check

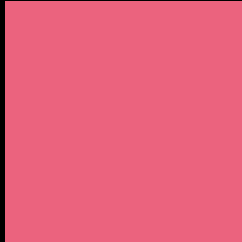
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 56.144, 12.352 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 60, 56.144, 12.352

Background



This preview shows how black text looks on a background with the CIELCh color 60, 56.144, 12.352.

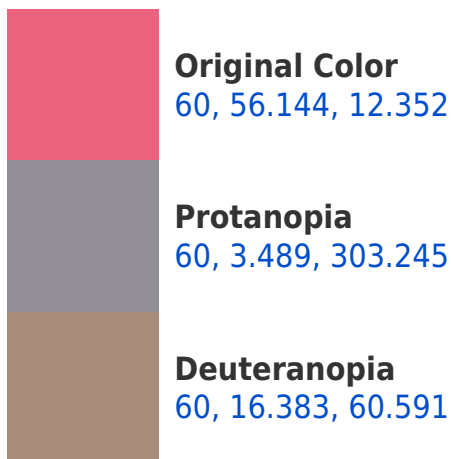


This preview shows how white text looks on a background with the CIELCh color 60, 56.144, 12.352.

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](#).

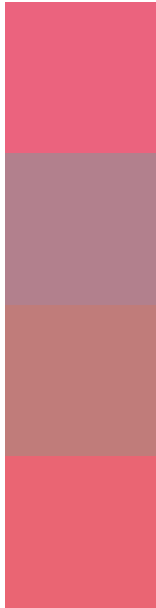
Dichromacy





Tritanopia
60, 56.078, 22.909

Trichromacy



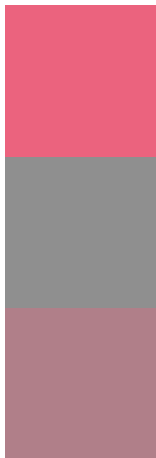
Original Color
60, 56.144, 12.352

Protanomaly
59, 21.295, 1.832

Deuteranomaly
59, 28.873, 24.766

Tritanomaly
60, 55.704, 19.172

Monochromacy



Original Color
60, 56.144, 12.352

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 20.575, 5.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 56.144, 12.352 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(235, 99, 126)` looks like.

```
.text, #text, p{  
    color:rgb(235, 99, 126)  
}
```

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(235, 99, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 99, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 56.144, 12.352 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(235, 99, 126) }
```

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

```
.border{ border-color:rgb(235, 99, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 99, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 99, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 99, 126);  
box-shadow:4px 4px 4px 4px rgb(235, 99,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 56.144, 12.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 99, 126) }
```

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

```
.background{ background-color: rgb(235, 99,  
126) }
```

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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