

Converting Colors

CIELCh(56, 67.085, 6.781)

Have a look what the booklet for
CIELCh(56, 67.085, 6.781) contains.

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Color

CIELCh(56, 67.073, 7.062)

Conversions

Conversions Part 1

Format	Color
Hex	ED477B
RGB	237, 71, 123
RGB Percent	93%, 28%, 48%
CMY	0.0709, 0.7219, 0.5179
CMYK	0.00, 0.70, 0.48, 0.07
HSL	341°, 82%, 60%
HSV	341°, 70%, 93%
XYZ	40.7134, 23.9124, 21.1850
YIQ	126.5620, 82.2440, 51.3640

Conversions

Conversions Part 2

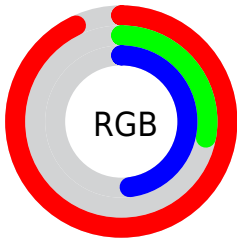
Format	Color
R_{YB}	237, 71, 123
Decimal	15550331
CIE _{Lab}	56.00, 66.56, 8.25
CIE _{LCh}	56, 67.073, 7.062
Y _{xy}	23.9124, 0.4745, 0.2787
Android (android.graphics.Color)	4293740411 (0xFFED477B)
YUV	126.5620, -1.7561, 96.8541
Hunter-Lab	48.9003, 63.0400, 8.5442

Details

The CIELCh color **56, 67.073, 7.062** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **85, 55.832, 166.467**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 52.190, 358.250**, and **37, 63.704, 8.674** is the 20% darker color. If you saturate the color by 10%, you get **53, 73.798, 10.805**, and if you desaturate by 10%, it is **60, 58.842, 4.117**.

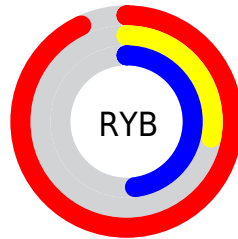
Distribution



Red (93%)

Green (28%)

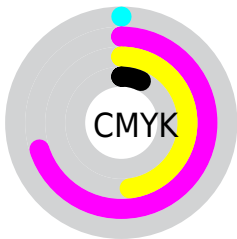
Blue (48%)



Red (93%)

Yellow (28%)

Blue (48%)

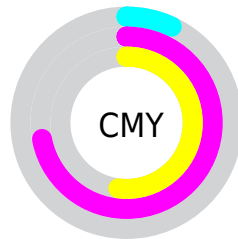


Cyan (0%)

Magenta (70%)

Yellow (48%)

Black (7%)



Cyan (7%)

Magenta (72%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 67.073, 7.062 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, 67.073, 7.062 by changing the saturation by 10% instead.

 56, 67.073, 7.062  56, 67.073, 7.062

 100, 67.073, 7.062  46, 67.073, 7.062

 76, 67.073, 7.062  36, 67.073, 7.062

 86, 67.073, 7.062  26, 67.073, 7.062

 96, 67.073, 7.062  16, 67.073, 7.062

 6, 67.073, 7.062

 0, 67.073, 7.062

 56, 67.073, 7.062  56, 67.073, 7.062

 53, 73.798, 10.805  60, 58.842, 4.117

 51, 78.898, 15.477  64, 49.522, 1.787

50, 82.839, 20.886

70, 39.581,
359.914

75, 29.424,
358.376

81, 19.343,
357.080

87, 9.523, 355.952

94, 0.066, 346.911

99, 6.321, 190.165

99, 6.208, 199.119

Harmonies

Complementary

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



56, 67.073, 7.062



85, 55.832, 166.467

Rectangle

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



56, 67.073, 7.062



56, 67.073, 57.062



56, 67.073, 187.062



56, 67.073, 237.062

Sweetspot

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



56, 67.069, 7.064



86, 21.526, 357.203



53, 94.389, 317.748



44, 14.636, 357.548



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, 67.069, 7.064



56, 80.529, 12.683



60, 66.273, 40.328



46, 5.326, 355.887



38, 67.360, 19.807



7, 27.800, 8.581

Inverse Universe

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



56, 67.069, 7.064



56, 80.529, 12.683



77, 37.034, 223.759



46, 5.326, 355.887



38, 67.360, 19.807



7, 27.800, 8.581

Previews

White Background



This preview shows how the CIELCh color 56, 67.073, 7.062 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, 67.073, 7.062 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, 67.073, 7.062

Background



This preview shows how black text looks on a background with the CIELCh color 56, 67.073, 7.062.



This preview shows how white text looks on a background with the CIELCh color 56, 67.073, 7.062.

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, 67.073, 7.062

Protanopia

56, 13.776, 285.753

Deuteranopia

56, 13.698, 58.503



Tritanopia
56, 67.465, 27.592

Trichromacy



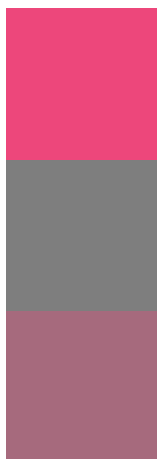
Original Color
56, 67.073, 7.062

Protanomaly
54, 29.599, 342.166

Deuteranomaly
55, 32.277, 14.537

Tritanomaly
56, 66.309, 20.399

Monochromacy



Original Color
56, 67.073, 7.062

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 26.674, 358.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 67.073, 7.062 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, 71, 123)` looks like.

```
.text, #text, p{  
    color:rgb(237, 71, 123)  
}
```

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, 71, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 71, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 67.073, 7.062 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, 71, 123) }
```

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

```
.border{ border-color:rgb(237, 71, 123) }
```

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

Here you see how a box with a 4 pixel rgb(237, 71, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 71, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 71, 123);  
box-shadow:4px 4px 4px 4px rgb(237, 71,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 67.073, 7.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 71, 123) }
```

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

```
.background{ background-color: rgb(237, 71,  
123) }
```

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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