

Converting Colors

CIELCh(77, 27.221, 352.558)

Have a look what the booklet for
CIELCh(77, 27.221, 352.558)
contains.

CIELCh(77, 27.314, 352.779)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 27.314, 352.779)

Conversions

Conversions Part 1

Format	Color
Hex	ECACC5
RGB	236, 172, 197
RGB Percent	93%, 67%, 77%
CMY	0.0734, 0.3244, 0.2264
CMYK	0.00, 0.27, 0.17, 0.07
HSL	337°, 63%, 80%
HSV	337°, 27%, 93%
XYZ	59.5986, 51.5317, 59.7913
YIQ	193.9860, 30.1190, 21.3430

Conversions

Conversions Part 2

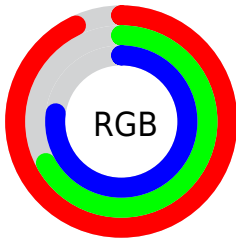
Format	Color
R _Y B	236, 172, 197
Decimal	15510725
CIE Lab	77.00, 27.10, -3.43
CIE LCh	77, 27.314, 352.779
Yxy	51.5317, 0.3487, 0.3015
Android (android.graphics.Color)	4293700805 (0xFFECACC5)
YUV	193.9860, 1.4859, 36.8463
Hunter-Lab	71.7856, 22.5713, 0.8665

Details

The CIELCh color **77, 27.314, 352.779** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89, 25.824, 167.372**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 16.458, 326.021**, and **57, 27.217, 352.925** is the 20% darker color. If you saturate the color by 10%, you get **71, 37.641, 354.128**, and if you desaturate by 10%, it is **83, 17.022, 351.620**.

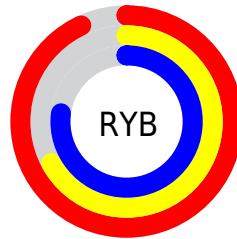
Distribution



Red (93%)

Green (67%)

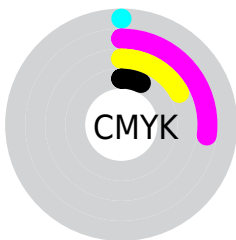
Blue (77%)



Red (93%)

Yellow (67%)

Blue (77%)

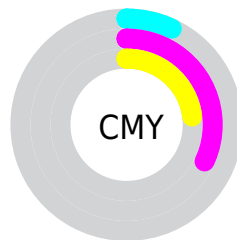


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (7%)



Cyan (7%)


Magenta (32%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 27.314, 352.779 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 77, 27.314, 352.779 by changing the saturation by 10% instead.


 77, 27.314,
352.779


 77, 27.314,
352.779


 100, 27.314,
352.779


 67, 27.314,
352.779


 97, 27.314,
352.779

 57, 27.314,
352.779

 47, 27.314,
352.779

 37, 27.314,
352.779

 27, 27.314,
352.779

 17, 27.314,
352.779

 7, 27.314, 352.779

0, 27.314, 352.779

77, 27.314,
352.779

77, 27.314,
352.779

71, 37.641,
354.128

83, 17.022,
351.620

66, 47.722,
355.731

89, 6.954, 350.572

61, 57.147,
357.685

95, 2.791, 169.935

99, 6.422, 198.528

57, 65.416, 0.124

99, 6.419, 199.102

54, 72.035, 3.216

52, 76.714, 7.143

51, 79.618, 12.009

■ 50, 80.370, 13.507

Harmonies

Complementary

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



77, 27.314, 352.779



89, 25.824, 167.372

Rectangle

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



77, 27.314, 352.779



77, 27.314, 42.779



77, 27.314, 172.779



77, 27.314, 222.779

Sweetspot

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



77, 27.311, 352.781



95, 8.358, 350.670



76, 37.027, 313.680



50, 5.954, 350.826



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 27.311, 352.781



79, 35.560, 353.570



78, 23.057, 29.660



46, 5.560, 350.817



38, 65.687, 12.502



7, 27.927, 3.536

Inverse Universe

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



77, 27.311, 352.781



79, 35.560, 353.570



88, 19.037, 208.396



46, 5.560, 350.817



38, 65.687, 12.502



7, 27.927, 3.536

Previews

White Background



This preview shows how the CIELCh color 77, 27.314, 352.779 looks on a white background.

Color Contrast Check

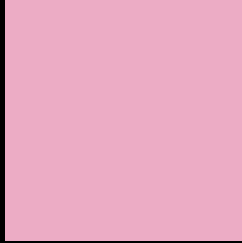
Large Text (above 18pt) WCAG AA × Fail

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 77, 27.314, 352.779 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 27.314, 352.779

Background



This preview shows how black text looks on a background with the CIELCh color 77, 27.314, 352.779.



This preview shows how white text looks on a background with the CIELCh color 77, 27.314, 352.779.

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
77, 24.248, 5.064

Trichromacy



Original Color
77, 27.314, 352.779

Protanomaly
77, 14.106, 327.498

Deuteranomaly
77, 16.555, 349.746

Tritanomaly
77, 25.289, 359.489

Monochromacy



Original Color
77, 27.314, 352.779

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.833, 350.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 27.314, 352.779 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(236, 172, 197)` looks like.

```
.text, #text, p{  
    color:rgb(236, 172, 197)  
}
```

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(236, 172, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 172, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 27.314, 352.779 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(236, 172, 197) }
```

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

```
.border{ border-color:rgb(236, 172, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 172, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 172, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 172, 197);  
box-shadow:4px 4px 4px 4px rgb(236, 172,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 27.314, 352.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 172, 197) }
```

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

```
.background{ background-color: rgb(236,  
172, 197) }
```

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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