

Converting Colors

CIELCh(77, 20.167, 353.358)

Have a look what the booklet for
CIELCh(77, 20.167, 353.358)
contains.

CIELCh(77, 20.366, 353.088)	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, 20.366, 353.088)

Conversions

Conversions Part 1

Format	Color
Hex	E1B1C3
RGB	225, 177, 195
RGB Percent	88%, 69%, 76%
CMY	0.1167, 0.3050, 0.2344
CMYK	0.00, 0.21, 0.13, 0.12
HSL	338°, 45%, 79%
HSV	338°, 21%, 88%
XYZ	56.7705, 51.5317, 58.7218
YIQ	193.4040, 22.8300, 15.7740

Conversions

Conversions Part 2

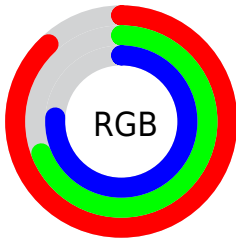
Format	Color
R _Y B	225, 177, 195
Decimal	14791107
CIE Lab	77.00, 20.22, -2.45
CIE LCh	77, 20.366, 353.088
Yxy	51.5317, 0.3399, 0.3085
Android (android.graphics.Color)	4292981187 (0xFFE1B1C3)
YUV	193.4040, 0.7868, 27.7097
Hunter-Lab	71.7856, 15.5389, 1.7497

Details

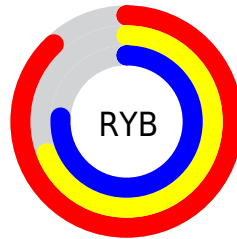
The CIELCh color **77, 20.366, 353.088** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 19.437, 168.976**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 12.504, 328.890**, and **57, 20.287, 353.480** is the 20% darker color. If you saturate the color by 10%, you get **71, 30.246, 354.339**, and if you desaturate by 10%, it is **83, 10.647, 351.997**.

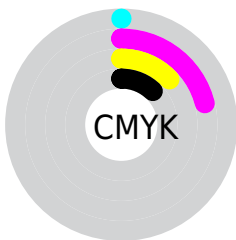
Distribution



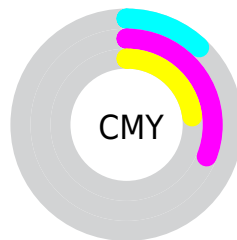
- Red (88%)
- Green (69%)
- Blue (76%)



- Red (88%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (12%)





- Cyan (12%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 20.366, 353.088 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, 20.366, 353.088 by changing the saturation by 10% instead.

 77, 20.366,
353.088

 77, 20.366,
353.088


 100, 20.366,
353.088


 67, 20.366,
353.088


 97, 20.366,
353.088

 57, 20.366,
353.088

 47, 20.366,
353.088

 37, 20.366,
353.088

 27, 20.366,
353.088

 17, 20.366,
353.088

 7, 20.366, 353.088

0, 20.366, 353.088

77, 20.366,
353.088

77, 20.366,
353.088

71, 30.246,
354.339

83, 10.647,
351.997

66, 40.087,
355.806

89, 1.220, 350.697

61, 49.569,
357.575

95, 7.859, 170.325

57, 58.267,
359.757

98, 10.341,
188.983

53, 65.696, 2.505

98, 10.093,
198.834

51, 71.445, 5.998

49, 75.390, 10.396

 48, 77.808, 14.865

Harmonies

Complementary

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



77, 20.366, 353.088



86, 19.437, 168.976

Rectangle

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



77, 20.366, 353.088



77, 20.366, 43.088



77, 20.366, 173.088



77, 20.366, 223.088

Sweetspot

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



77, 20.363, 353.091



96, 6.190, 351.445



76, 27.954, 313.953



51, 4.110, 351.515



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, 20.363, 353.091



83, 27.635, 353.675



78, 16.800, 30.854



44, 5.311, 351.802



37, 64.519, 13.882



6, 25.574, 3.341

Inverse Universe

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



77, 20.363, 353.091



83, 27.635, 353.675



85, 14.511, 210.260



44, 5.311, 351.802



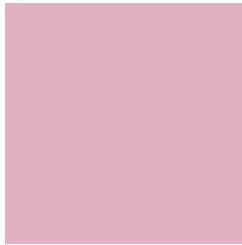
37, 64.519, 13.882



6, 25.574, 3.341

Previews

White Background



This preview shows how the CIELCh color 77, 20.366, 353.088 looks on a white background.

Color Contrast Check

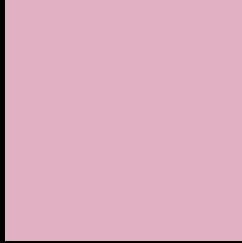
Large Text (above 18pt) WCAG AA × Fail

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, 20.366, 353.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

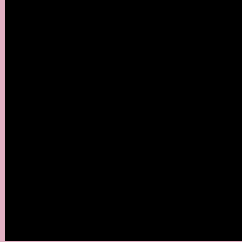
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 20.366, 353.088

Background



This preview shows how black text looks on a background with the CIELCh color 77, 20.366, 353.088.

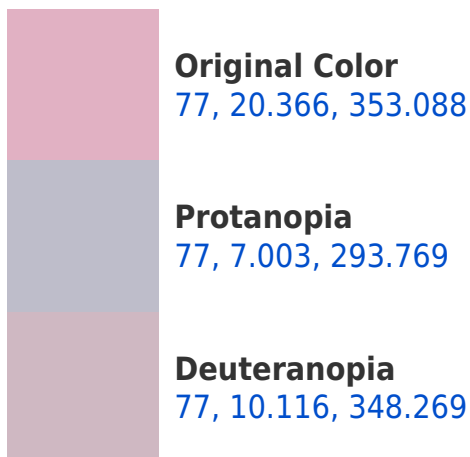


This preview shows how white text looks on a background with the CIELCh color 77, 20.366, 353.088.

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, 19.206, 358.248

Trichromacy



Original Color
77, 20.366, 353.088

Protanomaly
77, 10.455, 329.896

Deuteranomaly
77, 13.578, 352.372

Tritanomaly
77, 19.388, 356.771

Monochromacy



Original Color
77, 20.366, 353.088

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.102, 353.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 20.366, 353.088 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(225, 177, 195)` looks like.

```
.text, #text, p{  
    color:rgb(225, 177, 195)  
}
```

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(225, 177, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 177, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 20.366, 353.088 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(225, 177, 195) }
```

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

```
.border{ border-color:rgb(225, 177, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 177, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 177, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 177, 195);  
box-shadow:4px 4px 4px 4px rgb(225, 177,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 20.366, 353.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 177, 195) }
```

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

```
.background{ background-color: rgb(225,  
177, 195) }
```

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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