

Converting Colors

CIELCh(77, 20.543, 359.843)

Have a look what the booklet for
CIELCh(77, 20.543, 359.843)
contains.

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Color

CIELCh(77, 20.290, 359.653)

Conversions

Conversions Part 1

Format	Color
Hex	E3B1BF
RGB	227, 177, 191
RGB Percent	89%, 69%, 75%
CMY	0.1098, 0.3059, 0.2510
CMYK	0.00, 0.22, 0.16, 0.11
HSL	343°, 47%, 79%
HSV	343°, 22%, 89%
XYZ	56.7994, 51.5317, 56.2384
YIQ	193.5460, 25.3060, 14.9540

Conversions

Conversions Part 2

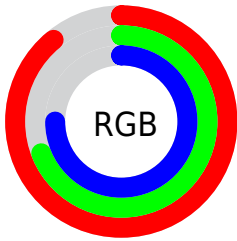
Format	Color
R _Y B	227, 177, 191
Decimal	14922175
CIE Lab	77.00, 20.29, -0.12
CIE LCh	77, 20.290, 359.653
Yxy	51.5317, 0.3451, 0.3131
Android (android.graphics.Color)	4293112255 (0xFFE3B1BF)
YUV	193.5460, -1.2552, 29.3392
Hunter-Lab	71.7856, 15.6110, 3.8009

Details

The CIELCh color $77, 20.290, 359.653$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $87, 18.933, 175.271$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 10.637, 337.571$, and $57, 20.421, 359.027$ is the 20% darker color. If you saturate the color by 10%, you get $71, 29.984, 1.017$, and if you desaturate by 10%, it is $83, 10.856, 358.489$.

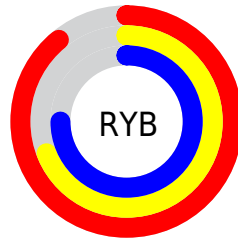
Distribution



Red (89%)

Green (69%)

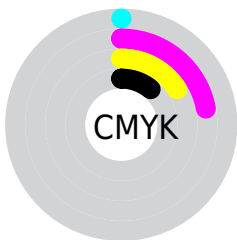
Blue (75%)



Red (89%)

Yellow (69%)

Blue (75%)

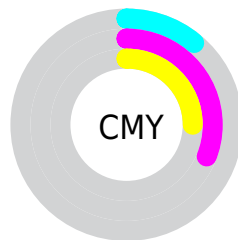


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (11%)



Cyan (11%)


Magenta (31%)

Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 20.290, 359.653 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, 20.290, 359.653 by changing the saturation by 10% instead.


 77, 20.290,
359.653

 77, 20.290,
359.653


 100, 20.290,
359.653

 67, 20.290,
359.653

 97, 20.290,
359.653

 57, 20.290,
359.653

 47, 20.290,
359.653

 37, 20.290,
359.653

 27, 20.290,
359.653

 17, 20.290,
359.653

 7, 20.290, 359.653

0, 20.290, 359.653

77, 20.290,
359.653

77, 20.290,
359.653

71, 29.984, 1.017

83, 10.856,
358.489

66, 39.764, 2.651

89, 1.792, 357.254

61, 49.338, 4.659

95, 6.864, 176.766

57, 58.317, 7.176

98, 9.517, 198.874

53, 66.268, 10.366

50, 72.853, 14.396

49, 78.025, 19.348

48, 81.538, 23.736

Harmonies

Complementary

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



77, 20.290, 359.653



87, 18.933, 175.271

Rectangle

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



77, 20.290, 359.653



77, 20.290, 49.653



77, 20.290, 179.653



77, 20.290, 229.653

Sweetspot

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



77, 20.288, 359.657



95, 6.871, 357.945



77, 29.746, 317.198



50, 4.470, 358.012



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, 20.288, 359.657



83, 26.512, 0.193



79, 16.379, 40.930



45, 5.145, 358.209



37, 67.713, 22.743



7, 26.645, 9.592

Inverse Universe

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



77, 20.288, 359.657



83, 26.512, 0.193



84, 14.165, 222.505



45, 5.145, 358.209



37, 67.713, 22.743



7, 26.645, 9.592

Previews

White Background



This preview shows how the CIELCh color 77, 20.290, 359.653 looks on a white background.

Color Contrast Check

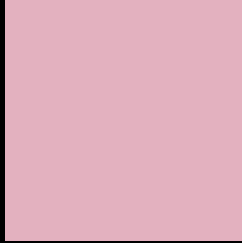
Large Text (above 18pt) WCAG AA × Fail

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, 20.290, 359.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

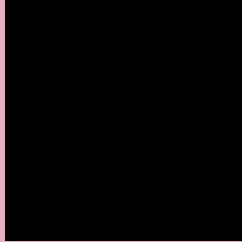
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 20.290, 359.653

Background



This preview shows how black text looks on a background with the CIELCh color 77, 20.290, 359.653.




This preview shows how white text looks on a background with the CIELCh color 77, 20.290, 359.653.

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, 20.290, 359.653

Trichromacy



Original Color
77, 20.290, 359.653

Protanomaly
77, 8.877, 342.971

Deuteranomaly
77, 14.039, 0.588

Tritanomaly
77, 20.290, 359.653

Monochromacy



Original Color
77, 20.290, 359.653

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.231, 358.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 20.290, 359.653 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(227, 177, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 177, 191)  
}
```

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(227, 177, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 177, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 20.290, 359.653 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(227, 177, 191) }
```

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

```
.border{ border-color:rgb(227, 177, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 177, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 177, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 177, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 177,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 20.290, 359.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 177, 191) }
```

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

```
.background{ background-color: rgb(227,  
177, 191) }
```

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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