

Converting Colors

CIELCh(77, 14.597, 20.584)

Have a look what the booklet for
CIELCh(77, 14.597, 20.584) contains.

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Color

CIELCh(77, 14.614, 20.591)

Conversions

Conversions Part 1

Format	Color
Hex	DBB5B5
RGB	219, 181, 181
RGB Percent	86%, 71%, 71%
CMY	0.1406, 0.2896, 0.2896
CMYK	0.00, 0.17, 0.17, 0.14
HSL	0°, 35%, 78%
HSV	0°, 17%, 86%
XYZ	54.1671, 51.5317, 50.8849
YIQ	192.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

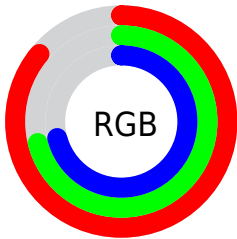
Format	Color
R_{YB}	219, 181, 181
Decimal	14398901
CIE _{Lab}	77.00, 13.68, 5.14
CIE _{LCh}	77, 14.614, 20.591
Yxy	51.5317, 0.3459, 0.3291
Android (android.graphics.Color)	4292588981 (0xFFDDBB5B5)
YUV	192.3620, -5.6015, 23.3615
Hunter-Lab	71.7856, 9.0654, 8.2225

Details

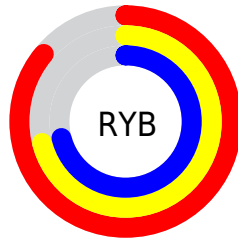
The CIELCh color $77, 14.614, 20.591$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85, 13.052, 198.541$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 6.460, 19.746$, and $57, 14.850, 20.982$ is the 20% darker color. If you saturate the color by 10%, you get $71, 23.946, 21.610$, and if you desaturate by 10%, it is $83, 5.947, 19.774$.

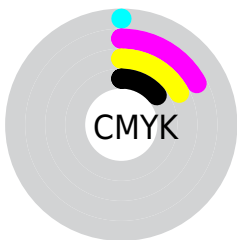
Distribution



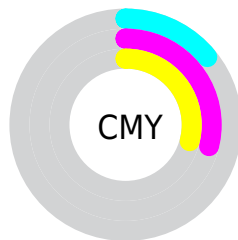
- Red (86%)
- Green (71%)
- Blue (71%)



- Red (86%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (14%)



- Cyan (14%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 14.614, 20.591 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, 14.614, 20.591 by changing the saturation by 10% instead.

77, 14.614, 20.591

77, 14.614, 20.591

100, 14.614,
20.591

67, 14.614, 20.591

97, 14.614, 20.591

57, 14.614, 20.591

47, 14.614, 20.591

37, 14.614, 20.591

27, 14.614, 20.591

17, 14.614, 20.591

7, 14.614, 20.591

0, 14.614, 20.591

77, 14.614, 20.591

77, 14.614, 20.591

71, 23.946, 21.610

83, 5.947, 19.774

66, 33.915, 22.919

89, 2.067, 199.563

61, 44.408, 24.630

95, 9.476, 198.871

56, 55.214, 26.854

98, 12.077,
198.699

52, 66.012, 29.679

49, 76.357, 33.068

47, 85.482, 36.629

46, 91.822, 39.358

46, 93.269, 40.001

Harmonies

Complementary

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



77, 14.614, 20.591



85, 13.052, 198.541

Rectangle

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



77, 14.614, 20.591



77, 14.614, 70.591



77, 14.614, 200.591



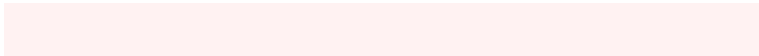
77, 14.614, 250.591

Sweetspot

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



77, 14.612, 20.599



97, 4.538, 19.576



78, 24.513, 325.382



51, 3.105, 19.640



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, 14.612, 20.599



86, 20.310, 20.958



82, 12.434, 73.259



43, 4.638, 19.941



36, 78.233, 39.930



5, 23.838, 20.274

Inverse Universe

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



85, 13.052, 198.541



96, 17.655, 198.347



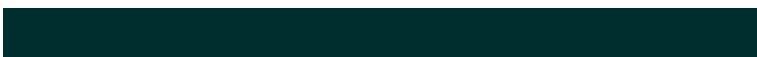
80, 11.887, 257.873



45, 4.370, 198.982



64, 37.525, 196.404



16, 15.072, 196.401

Previews

White Background



This preview shows how the CIELCh color 77, 14.614, 20.591 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, 14.614, 20.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

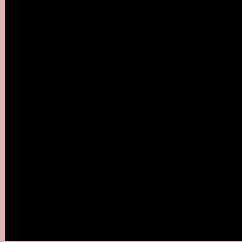
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 14.614, 20.591

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.614, 20.591.



This preview shows how white text looks on a background with the CIELCh color 77, 14.614, 20.591.

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

77, 14.614, 20.591

Protanopia

77, 2.743, 55.160

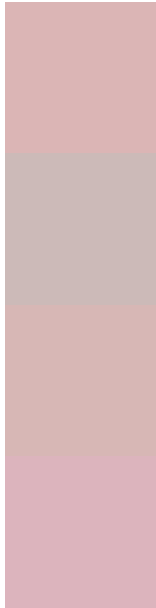
Deuteranopia

77, 10.845, 28.683



Tritanopia
77, 17.446, 355.578

Trichromacy



Original Color
77, 14.614, 20.591

Protanomaly
77, 6.889, 28.784

Deuteranomaly
77, 12.329, 25.312

Tritanomaly
77, 15.872, 3.179

Monochromacy



Original Color
77, 14.614, 20.591

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.240, 19.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.614, 20.591 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(219, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(219, 181, 181)  
}
```

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(219, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 181, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.614, 20.591 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(219, 181, 181) }
```

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

```
.border{ border-color:rgb(219, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(219, 181,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.614, 20.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 181, 181) }
```

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

```
.background{ background-color: rgb(219,  
181, 181) }
```

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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