

Converting Colors

CIELCh(77, 15.178, 20.834)

Have a look what the booklet for
CIELCh(77, 15.178, 20.834) contains.

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Color

CIELCh(77, 15.008, 20.625)

Conversions

Conversions Part 1

Format	Color
Hex	DCB5B5
RGB	220, 181, 181
RGB Percent	86%, 71%, 71%
CMY	0.1377, 0.2906, 0.2906
CMYK	0.00, 0.18, 0.18, 0.14
HSL	0°, 36%, 79%
HSV	0°, 18%, 86%
XYZ	54.3106, 51.5317, 50.7405
YIQ	192.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

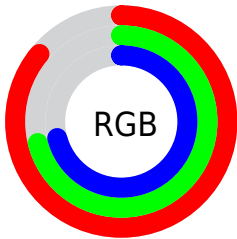
Format	Color
R _Y B	220, 181, 181
Decimal	14464437
CIE Lab	77.00, 14.05, 5.29
CIE LCh	77, 15.008, 20.625
Yxy	51.5317, 0.3468, 0.3291
Android (android.graphics.Color)	4292654517 (0xFFDCB5B5)
YUV	192.6610, -5.7489, 23.9763
Hunter-Lab	71.7856, 9.4222, 8.3418

Details

The CIELCh color $77, 15.008, 20.625$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85, 13.367, 198.519$, 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 $71, 24.392, 21.654$, and if you desaturate by 10%, it is $83, 6.291, 19.804$.

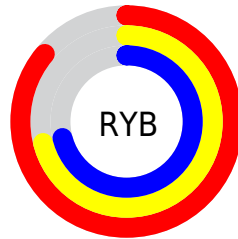
Distribution



Red (86%)

Green (71%)

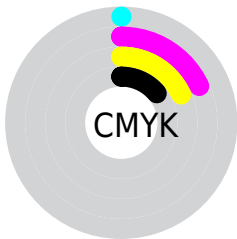
Blue (71%)



Red (86%)

Yellow (71%)

Blue (71%)

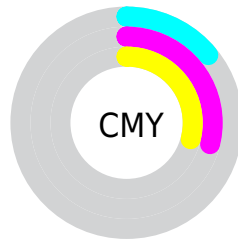


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (14%)



Cyan (14%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 15.008, 20.625 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, 15.008, 20.625 by changing the saturation by 10% instead.

77, 15.008, 20.625

77, 15.008, 20.625

100, 15.008,
20.625

67, 15.008, 20.625

97, 15.008, 20.625

57, 15.008, 20.625

47, 15.008, 20.625

37, 15.008, 20.625

27, 15.008, 20.625

17, 15.008, 20.625

7, 15.008, 20.625

0, 15.008, 20.625

77, 15.008, 20.625

77, 15.008, 20.625

71, 24.392, 21.654

83, 6.291, 19.804

66, 34.412, 22.978

89, 1.770, 199.630

60, 44.951, 24.707

95, 9.222, 198.887

56, 55.792, 26.955

98, 11.840,
198.715

52, 66.611, 29.805

49, 76.953, 33.213

47, 86.025, 36.765

46, 92.264, 39.451

46, 93.504, 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, 15.008, 20.625



85, 13.367, 198.519

Rectangle

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



77, 15.008, 20.625



77, 15.008, 70.625



77, 15.008, 200.625



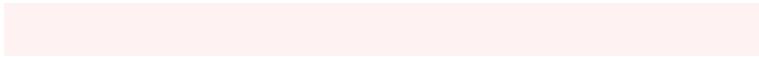
77, 15.008, 250.625

Sweetspot

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



77, 15.006, 20.633



97, 4.538, 19.575



78, 25.136, 325.403



51, 3.105, 19.638



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, 15.006, 20.633



86, 20.310, 20.956



82, 12.761, 73.211



43, 4.639, 19.939



36, 78.234, 39.929



5, 23.839, 20.273

Inverse Universe

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



85, 13.367, 198.519



96, 17.656, 198.345



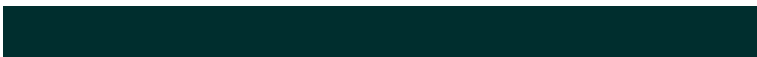
80, 12.185, 257.936



45, 4.370, 198.980



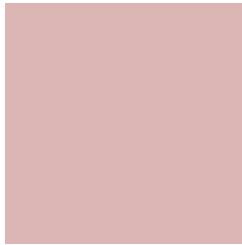
64, 37.526, 196.401



16, 15.072, 196.399

Previews

White Background



This preview shows how the CIELCh color 77, 15.008, 20.625 looks on a white background.

Color Contrast Check

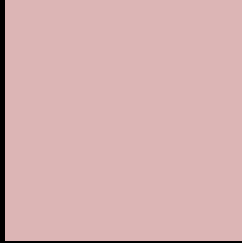
Large Text (above 18pt) WCAG AA × Fail

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, 15.008, 20.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

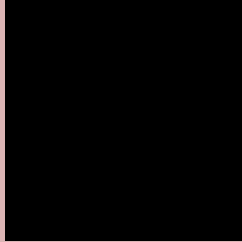
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 15.008, 20.625

Background



This preview shows how black text looks on a background with the CIELCh color 77, 15.008, 20.625.



This preview shows how white text looks on a background with the CIELCh color 77, 15.008, 20.625.

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, 15.008, 20.625

Protanopia

77, 2.743, 55.160

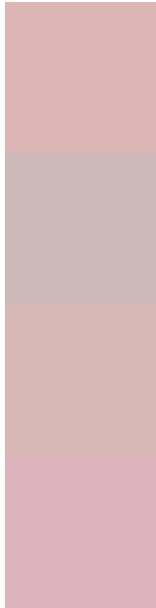
Deuteranopia

77, 10.960, 31.411



Tritanopia
77, 17.446, 355.578

Trichromacy



Original Color
77, 15.008, 20.625

Protanomaly
77, 6.889, 28.784

Deuteranomaly
77, 12.414, 27.740

Tritanomaly
77, 16.240, 3.632

Monochromacy



Original Color
77, 15.008, 20.625

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, 15.008, 20.625 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(220, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 181, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 15.008, 20.625 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(220, 181, 181) }
```

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

```
.border{ border-color:rgb(220, 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(220, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(220, 181,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 15.008, 20.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 181, 181) }
```

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

```
.background{ background-color: rgb(220,  
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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