

Converting Colors

CIELCh(78, 15.608, 11.156)

Have a look what the booklet for
CIELCh(78, 15.608, 11.156) contains.

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Color

CIELCh(78, 15.433, 10.788)

Conversions

Conversions Part 1

Format	Color
Hex	DFB7BC
RGB	223, 183, 188
RGB Percent	87%, 72%, 74%
CMY	0.1253, 0.2822, 0.2626
CMYK	0.00, 0.18, 0.16, 0.13
HSL	353°, 38%, 80%
HSV	353°, 18%, 87%
XYZ	56.4687, 53.2120, 54.8956
YIQ	195.5300, 22.2350, 10.0350

Conversions

Conversions Part 2

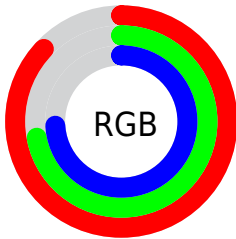
Format	Color
R _Y B	223, 183, 188
Decimal	14661564
CIE Lab	78.00, 15.16, 2.89
CIE LCh	78, 15.433, 10.788
Yxy	53.2120, 0.3431, 0.3233
Android (android.graphics.Color)	4292851644 (0xFFDFB7BC)
YUV	195.5300, -3.7123, 24.0912
Hunter-Lab	72.9466, 10.5223, 6.4441

Details

The CIELCh color $78, 15.433, 10.788$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86, 14.117, 187.709$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 6.252, 355.599$, and $58, 15.260, 10.446$ is the 20% darker color. If you saturate the color by 10%, you get $72, 24.748, 12.041$, and if you desaturate by 10%, it is $84, 6.617, 9.734$.

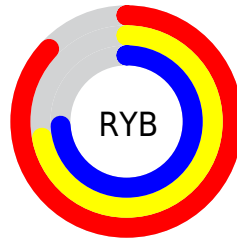
Distribution



Red (87%)

Green (72%)

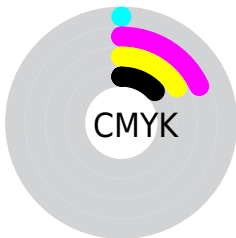
Blue (74%)



Red (87%)

Yellow (72%)

Blue (74%)

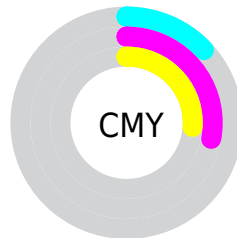


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (13%)



Cyan (13%)

Magenta (28%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 15.433, 10.788 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 78, 15.433, 10.788 by changing the saturation by 10% instead.

78, 15.433, 10.788

78, 15.433, 10.788

100, 15.433,
10.788

68, 15.433, 10.788

98, 15.433, 10.788

58, 15.433, 10.788

48, 15.433, 10.788

38, 15.433, 10.788

28, 15.433, 10.788

18, 15.433, 10.788

8, 15.433, 10.788

0, 15.433, 10.788

78, 15.433, 10.788

78, 15.433, 10.788

72, 24.748, 12.041

84, 6.617, 9.734

67, 34.482, 13.575

90, 1.667, 189.322

61, 44.461, 15.501

96, 9.434, 188.322

57, 54.418, 17.949

98, 10.812,
198.784

53, 64.010, 21.057

50, 72.896, 24.923

48, 80.822, 29.478

47, 87.567, 34.236

47, 88.852, 35.090

Harmonies

Complementary

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



78, 15.433, 10.788



86, 14.117, 187.709

Rectangle

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



78, 15.433, 10.788



78, 15.433, 60.788



78, 15.433, 190.788



78, 15.433, 240.788

Sweetspot

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



78, 15.431, 10.795



97, 4.608, 9.423



79, 24.747, 321.601



51, 3.151, 9.503



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 15.431, 10.795



85, 21.372, 11.293



81, 12.480, 58.167



44, 4.783, 9.890



37, 73.778, 34.303



6, 25.318, 15.666

Inverse Universe

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



78, 15.431, 10.795



85, 21.372, 11.293



82, 11.451, 241.858



44, 4.783, 9.890



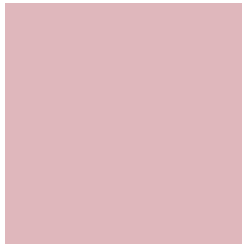
37, 73.778, 34.303



6, 25.318, 15.666

Previews

White Background



This preview shows how the CIELCh color 78, 15.433, 10.788 looks on a white background.

Color Contrast Check

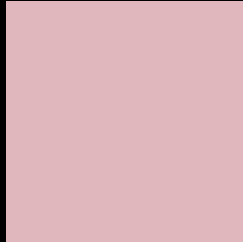
Large Text (above 18pt) WCAG AA × Fail

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 78, 15.433, 10.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

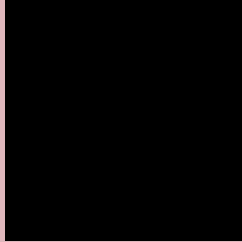
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 15.433, 10.788

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.433, 10.788.



This preview shows how white text looks on a background with the CIELCh color 78, 15.433, 10.788.

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

78, 15.433, 10.788

Protanopia

78, 1.579, 359.395

Deuteranopia

78, 10.235, 20.185



Tritanopia
78, 17.395, 355.550

Trichromacy



Original Color
78, 15.433, 10.788

Protanomaly
78, 6.450, 10.339

Deuteranomaly
78, 11.786, 17.749

Tritanomaly
78, 16.856, 0.548

Monochromacy



Original Color
78, 15.433, 10.788

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 5.694, 8.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.433, 10.788 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(223, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(223, 183, 188)  
}
```

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(223, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 183, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.433, 10.788 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(223, 183, 188) }
```

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

```
.border{ border-color:rgb(223, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(223, 183,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.433, 10.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 183, 188) }
```

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

```
.background{ background-color: rgb(223,  
183, 188) }
```

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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