

Converting Colors

CIELCh(79, 12.340, 20.363)

Have a look what the booklet for
CIELCh(79, 12.340, 20.363) contains.

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Color

CIELCh(79, 12.549, 20.380)

Conversions

Conversions Part 1

Format	Color
Hex	DDBCBC
RGB	221, 188, 188
RGB Percent	87%, 74%, 74%
CMY	0.1336, 0.2630, 0.2630
CMYK	0.00, 0.15, 0.15, 0.13
HSL	0°, 33%, 80%
HSV	0°, 15%, 87%
XYZ	56.8377, 54.9284, 55.1471
YIQ	197.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

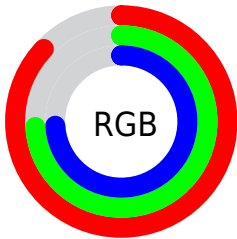
Format	Color
R _Y B	221, 188, 188
Decimal	14531772
CIE Lab	79.00, 11.76, 4.37
CIE LCh	79, 12.549, 20.380
Yxy	54.9284, 0.3405, 0.3291
Android (android.graphics.Color)	4292721852 (0xFFDDBCBC)
YUV	197.8670, -4.8644, 20.2876
Hunter-Lab	74.1137, 7.1925, 7.7626

Details

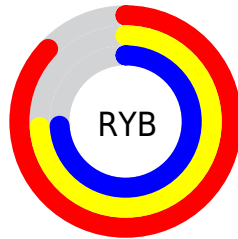
The CIELCh color **79, 12.549, 20.380** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86, 11.395, 198.668**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 3.905, 19.499**, and **59, 12.601, 20.679** is the 20% darker color. If you saturate the color by 10%, you get **73, 21.782, 21.344**, and if you desaturate by 10%, it is **85, 3.985, 19.566**.

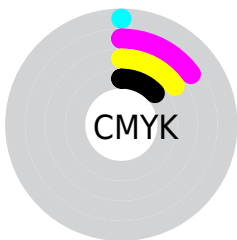
Distribution



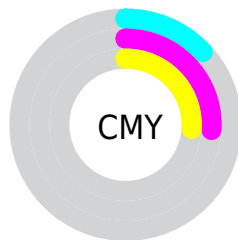
- Red (87%)
- Green (74%)
- Blue (74%)



- Red (87%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (13%)



- Cyan (13%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 12.549, 20.380 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 79, 12.549, 20.380 by changing the saturation by 10% instead.

79, 12.549, 20.380

79, 12.549, 20.380

100, 12.549,
20.380

69, 12.549, 20.380

99, 12.549, 20.380

59, 12.549, 20.380

49, 12.549, 20.380

39, 12.549, 20.380

29, 12.549, 20.380

19, 12.549, 20.380

9, 12.549, 20.380

0, 12.549, 20.380

79, 12.549, 20.380

79, 12.549, 20.380

73, 21.782, 21.344

85, 3.985, 19.566

67, 31.671, 22.574

91, 3.930, 199.304

62, 42.122, 24.179

97, 11.249,
198.763

57, 52.949, 26.272

98, 11.500,
198.738

53, 63.855, 28.951

50, 74.428, 32.225

48, 84.010, 35.814

46, 91.180, 38.832

46, 93.839, 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.



79, 12.549, 20.380



86, 11.395, 198.668

Rectangle

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



79, 12.549, 20.380



79, 12.549, 70.380



79, 12.549, 200.380



79, 12.549, 250.380

Sweetspot

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



79, 12.547, 20.389



97, 3.616, 19.476



80, 21.232, 325.248



51, 2.578, 19.553



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 12.547, 20.389



88, 17.204, 20.672



83, 10.717, 73.553



43, 4.639, 19.940



36, 78.233, 39.930



5, 23.838, 20.274

Inverse Universe

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



86, 11.395, 198.668



97, 15.280, 198.499



81, 10.318, 257.499



45, 4.370, 198.982



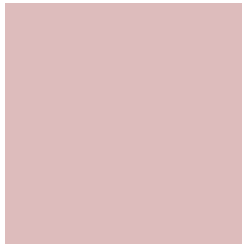
64, 37.525, 196.404



16, 15.072, 196.401

Previews

White Background



This preview shows how the CIELCh color 79, 12.549, 20.380 looks on a white background.

Color Contrast Check

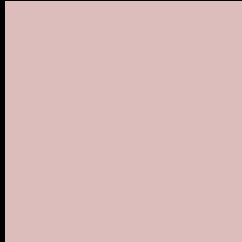
Large Text (above 18pt) WCAG AA × Fail

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 79, 12.549, 20.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

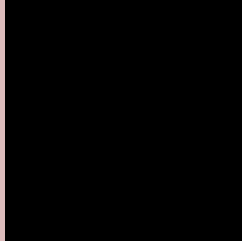
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 12.549, 20.380

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.549, 20.380.



This preview shows how white text looks on a background with the CIELCh color 79, 12.549, 20.380.

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


79, 12.549, 20.380

Protanopia

79, 2.432, 60.286

Deuteranopia

79, 11.020, 22.992



Tritanopia
79, 15.648, 352.336

Trichromacy



Original Color
79, 12.549, 20.380

Protanomaly
79, 6.012, 24.855

Deuteranomaly
79, 11.408, 22.930

Tritanomaly
79, 13.954, 0.541

Monochromacy



Original Color
79, 12.549, 20.380

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 4.460, 19.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.549, 20.380 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(221, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 188, 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(221, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 188, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.549, 20.380 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(221, 188, 188) }
```

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

```
.border{ border-color:rgb(221, 188, 188) }
```

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

Here you see how a box with a 4 pixel rgb(221, 188, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(221, 188,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.549, 20.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 188, 188) }
```

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

```
.background{ background-color: rgb(221,  
188, 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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