

Converting Colors

CIELCh(79, 12.469, 36.317)

Have a look what the booklet for
CIELCh(79, 12.469, 36.317) contains.

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Color

CIELCh(79, 12.508, 37.488)

Conversions

Conversions Part 1

Format	Color
Hex	DCBDB6
RGB	220, 189, 182
RGB Percent	86%, 74%, 71%
CMY	0.1376, 0.2592, 0.2866
CMYK	0.00, 0.14, 0.17, 0.14
HSL	11°, 35%, 79%
HSV	11°, 17%, 86%
XYZ	56.0967, 54.9284, 51.8505
YIQ	197.4710, 20.7230, 4.3950

Conversions

Conversions Part 2

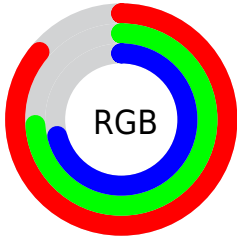
Format	Color
R _Y B	220, 191, 182
Decimal	14466486
CIE Lab	79.00, 9.92, 7.61
CIE LCh	79, 12.508, 37.488
Yxy	54.9284, 0.3444, 0.3372
Android (android.graphics.Color)	4292656566 (0xFFDCBDB6)
YUV	197.4710, -7.6272, 19.7579
Hunter-Lab	74.1137, 5.4078, 10.3998

Details

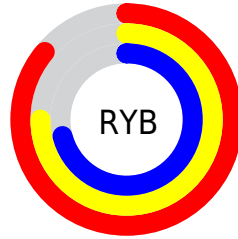
The CIELCh color **79, 12.508, 37.488** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83, 11.161, 218.184**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 5.034, 64.504**, and **59, 12.639, 38.581** is the 20% darker color. If you saturate the color by 10%, you get **74, 20.592, 37.608**, and if you desaturate by 10%, it is **84, 5.054, 37.470**.

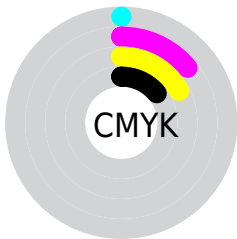
Distribution



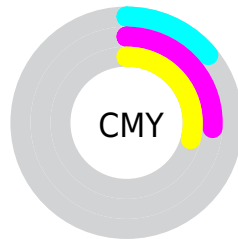
- Red (86%)
- Green (74%)
- Blue (71%)



- Red (86%)
- Yellow (75%)
- Blue (71%)



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



- Cyan (14%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 12.508, 37.488 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, 12.508, 37.488 by changing the saturation by 10% instead.

79, 12.508, 37.488

79, 12.508, 37.488

100, 12.508,
37.488

69, 12.508, 37.488

99, 12.508, 37.488

59, 12.508, 37.488

49, 12.508, 37.488

39, 12.508, 37.488

29, 12.508, 37.488

19, 12.508, 37.488

9, 12.508, 37.488

0, 12.508, 37.488

79, 12.508, 37.488

79, 12.508, 37.488

74, 20.592, 37.608

84, 5.054, 37.470

69, 29.344, 37.876

89, 1.818, 218.047

65, 38.768, 38.350

94, 8.169, 218.006

61, 48.812, 39.070

98, 11.834,
198.715

57, 59.324, 40.046

53, 69.960, 41.208

51, 79.952, 42.278

48, 87.769, 42.638

48, 89.628, 42.782

Harmonies

Complementary

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



79, 12.508, 37.488



83, 11.161, 218.184

Rectangle

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



79, 12.508, 37.488



79, 12.508, 87.488



79, 12.508, 217.488



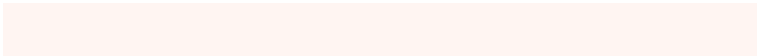
79, 12.508, 267.488

Sweetspot

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



79, 12.507, 37.499



97, 3.879, 37.440



78, 21.584, 331.012



51, 2.654, 37.454



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, 12.507, 37.499



88, 17.423, 37.526



84, 14.393, 90.260



43, 3.968, 37.479



38, 74.683, 43.146



7, 21.135, 30.356

Inverse Universe

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



83, 11.161, 218.184



94, 15.112, 218.340



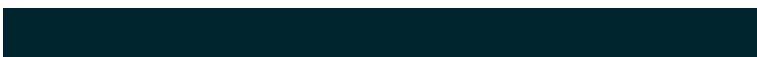
78, 14.391, 274.835



45, 3.739, 217.966



54, 32.697, 231.953



13, 13.106, 225.071

Previews

White Background



This preview shows how the CIELCh color 79, 12.508, 37.488 looks on a white background.

Color Contrast Check

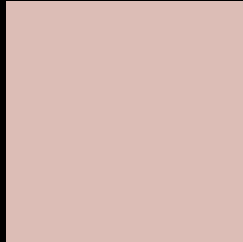
Large Text (above 18pt) WCAG AA × Fail

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, 12.508, 37.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

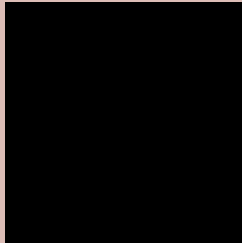
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 12.508, 37.488

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.508, 37.488.

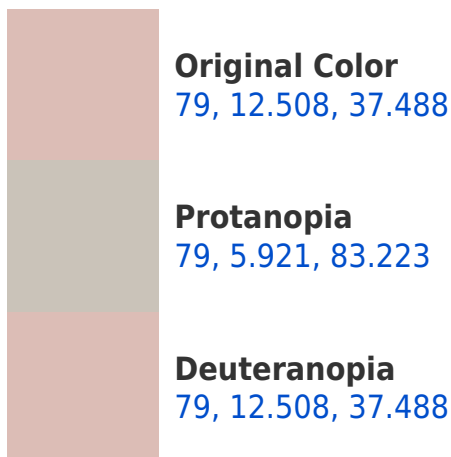



This preview shows how white text looks on a background with the CIELCh color 79, 12.508, 37.488.

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](#).

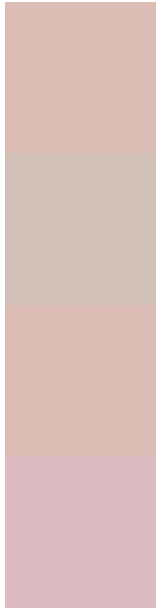
Dichromacy





Tritanopia
79, 15.566, 349.889

Trichromacy



Original Color
79, 12.508, 37.488

Protanomaly
79, 7.730, 57.884

Deuteranomaly
79, 12.508, 37.488

Tritanomaly
79, 13.305, 4.282

Monochromacy



Original Color
79, 12.508, 37.488

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 4.228, 34.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.508, 37.488 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, 189, 182)` looks like.

```
.text, #text, p{  
    color:rgb(220, 189, 182)  
}
```

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, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 189, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.508, 37.488 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, 189, 182) }
```

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

```
.border{ border-color:rgb(220, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 189, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 189, 182); box-shadow:4px 4px 4px 4px rgb(220, 189, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.508, 37.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 189, 182) }
```

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

```
.background{ background-color: rgb(220,  
189, 182) }
```

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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