

Converting Colors

CIELCh(79, 13.665, 47.902)

Have a look what the booklet for
CIELCh(79, 13.665, 47.902) contains.

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Color

CIELCh(79, 13.665, 47.902)

Conversions

Conversions Part 1

Format	Color
Hex	DCBDB1
RGB	220, 189, 177
RGB Percent	86%, 74%, 69%
CMY	0.1363, 0.2579, 0.3050
CMYK	0.00, 0.14, 0.20, 0.14
HSL	17°, 38%, 78%
HSV	17°, 20%, 86%
XYZ	55.7908, 54.9284, 49.3741
YIQ	196.9010, 22.3280, 2.8400

Conversions

Conversions Part 2

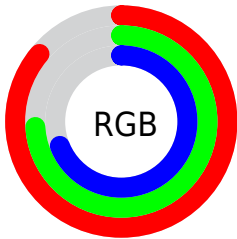
Format	Color
R _Y B	220, 194, 177
Decimal	14466481
CIE Lab	79.00, 9.16, 10.14
CIE LCh	79, 13.665, 47.902
Yxy	54.9284, 0.3485, 0.3431
Android (android.graphics.Color)	4292656561 (0xFFDCBDB1)
YUV	196.9010, -9.8112, 20.2578
Hunter-Lab	74.1137, 4.6710, 12.3810

Details

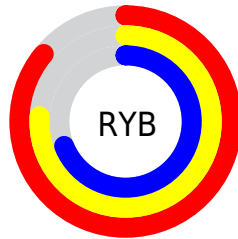
The CIELCh color **79, 13.665, 47.902** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82, 12.159, 230.512**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 7.081, 79.029**, and **59, 13.957, 49.222** is the 20% darker color. If you saturate the color by 10%, you get **75, 21.500, 47.517**, and if you desaturate by 10%, it is **83, 6.412, 48.365**.

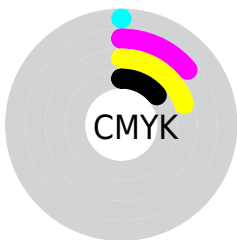
Distribution



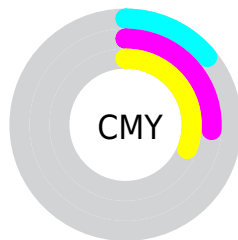
- Red (86%)
- Green (74%)
- Blue (69%)



- Red (86%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 13.665, 47.902 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, 13.665, 47.902 by changing the saturation by 10% instead.

■ 79, 13.665, 47.902

■ 79, 13.665, 47.902

■ 100, 13.665,
47.902

■ 69, 13.665, 47.902

■ 99, 13.665, 47.902

■ 59, 13.665, 47.902

■ 49, 13.665, 47.902

■ 39, 13.665, 47.902

■ 29, 13.665, 47.902

■ 19, 13.665, 47.902

■ 9, 13.665, 47.902

■ 0, 13.665, 47.902

■ 79, 13.665, 47.902

■ 79, 13.665, 47.902

75, 21.500, 47.517

83, 6.412, 48.365

70, 29.958, 47.224

88, 0.310, 230.801

66, 39.050, 47.062

93, 6.555, 229.702

62, 48.730, 47.043

97, 10.994,
204.854

59, 58.844, 47.141

98, 11.727,
198.723

56, 69.002, 47.241

53, 78.326, 47.021

50, 85.606, 46.128

50, 85.939, 46.105

Harmonies

Complementary

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



79, 13.665, 47.902



82, 12.159, 230.512

Rectangle

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



79, 13.665, 47.902



79, 13.665, 97.902



79, 13.665, 227.902



79, 13.665, 277.902

Sweetspot

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



79, 13.664, 47.913



97, 4.486, 48.503



77, 23.055, 334.283



51, 2.983, 48.480



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, 13.664, 47.913



88, 18.390, 47.758



84, 17.700, 96.004



44, 3.805, 48.369



40, 71.465, 46.613



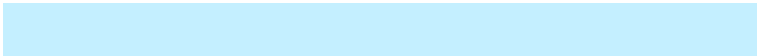
8, 19.948, 36.957

Inverse Universe

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



82, 12.159, 230.512



92, 15.968, 230.877



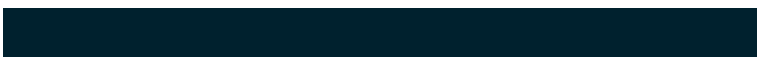
76, 17.987, 280.936



44, 3.610, 229.696



49, 35.484, 251.877



11, 13.491, 242.055

Previews

White Background



This preview shows how the CIELCh color 79, 13.665, 47.902 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, 13.665, 47.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

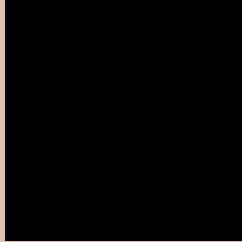
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 13.665, 47.902

Background



This preview shows how black text looks on a background with the CIELCh color 79, 13.665, 47.902.




This preview shows how white text looks on a background with the CIELCh color 79, 13.665, 47.902.

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, 15.648, 352.336

Trichromacy



Original Color
79, 13.665, 47.902

Protanomaly
79, 9.651, 70.002

Deuteranomaly
79, 14.019, 47.166

Tritanomaly
79, 13.472, 9.152

Monochromacy



Original Color
79, 13.665, 47.902

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 4.620, 46.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 13.665, 47.902 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(220, 189, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 189, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 13.665, 47.902 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, 177) }
```

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

```
.border{ border-color:rgb(220, 189, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 189, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 189, 177); box-shadow:4px 4px 4px 4px rgb(220, 189, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 13.665, 47.902 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, 177) }
```

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

```
.background{ background-color: rgb(220,  
189, 177) }
```

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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