

Converting Colors

CIELCh(78, 16.237, 62.189)

Have a look what the booklet for
CIELCh(78, 16.237, 62.189) contains.

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Color

CIELCh(78, 16.017, 61.544)

Conversions

Conversions Part 1

Format	Color
Hex	D9BBA7
RGB	217, 187, 167
RGB Percent	85%, 73%, 65%
CMY	0.1482, 0.2658, 0.3443
CMYK	0.00, 0.14, 0.23, 0.15
HSL	24°, 40%, 75%
HSV	24°, 23%, 85%
XYZ	53.4886, 53.2120, 44.1105
YIQ	193.6900, 24.3000, 0.1400

Conversions

Conversions Part 2

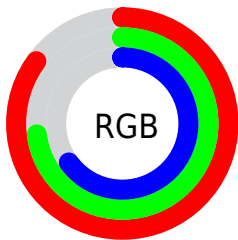
Format	Color
R _Y B	217, 200, 167
Decimal	14269351
CIE Lab	78.00, 7.63, 14.08
CIE LCh	78, 16.017, 61.544
Yxy	53.2120, 0.3547, 0.3528
Android (android.graphics.Color)	4292459431 (0xFFD9BBA7)
YUV	193.6900, -13.1582, 20.4429
Hunter-Lab	72.9466, 3.2299, 15.2102

Details

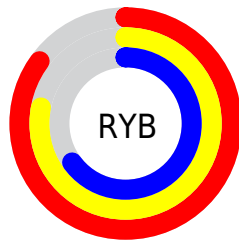
The CIELCh color **78, 16.017, 61.544** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78, 14.478, 246.883**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 11.573, 86.949**, and **58, 16.187, 61.498** is the 20% darker color. If you saturate the color by 10%, you get **74, 23.732, 60.593**, and if you desaturate by 10%, it is **82, 8.776, 62.529**.

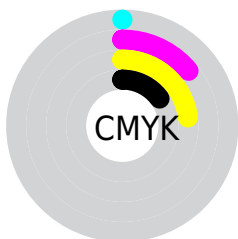
Distribution



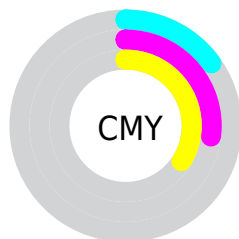
- Red (85%)
- Green (73%)
- Blue (65%)



- Red (85%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 16.017, 61.544 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, 16.017, 61.544 by changing the saturation by 10% instead.

■ 78, 16.017, 61.544

■ 78, 16.017, 61.544

■ 100, 16.017,
61.544

■ 68, 16.017, 61.544

■ 98, 16.017, 61.544

■ 58, 16.017, 61.544

■ 48, 16.017, 61.544

■ 38, 16.017, 61.544

■ 28, 16.017, 61.544

■ 18, 16.017, 61.544

■ 8, 16.017, 61.544

■ 0, 16.017, 61.544

■ 78, 16.017, 61.544

■ 78, 16.017, 61.544

74, 23.732, 60.593

82, 8.776, 62.529

71, 31.944, 59.667

86, 1.972, 63.359

67, 40.640, 58.781

89, 4.440, 244.723

64, 49.733, 57.919

93, 10.501,
245.672

61, 58.991, 57.016

97, 11.858,
205.261

58, 67.884, 55.902

55, 75.397, 54.224

97, 12.701,
198.658

54, 79.569, 52.723

Harmonies

Complementary

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



78, 16.017, 61.544



78, 14.478, 246.883

Rectangle

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



78, 16.017, 61.544



78, 16.017, 111.544



78, 16.017, 241.544



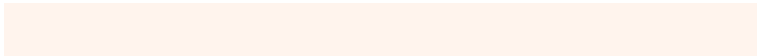
78, 16.017, 291.544

Sweetspot

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



78, 16.017, 61.554



97, 5.272, 63.086



74, 24.546, 340.460



51, 3.432, 63.032



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, 16.017, 61.554



88, 22.564, 61.048



84, 23.576, 103.366



44, 3.812, 62.871



43, 66.926, 53.325



9, 18.704, 48.552

Inverse Universe

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



78, 14.478, 246.883



88, 19.872, 247.754



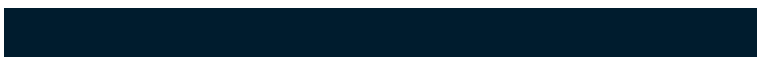
71, 24.585, 288.665



44, 3.672, 245.032



43, 43.968, 272.101



9, 15.484, 261.448

Previews

White Background



This preview shows how the CIELCh color 78, 16.017, 61.544 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, 16.017, 61.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

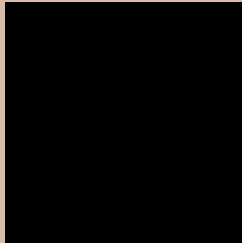
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 16.017, 61.544

Background



This preview shows how black text looks on a background with the CIELCh color 78, 16.017, 61.544.



This preview shows how white text looks on a background with the CIELCh color 78, 16.017, 61.544.

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, 16.017, 61.544

Protanopia

78, 12.347, 90.778

Deuteranopia

78, 17.262, 55.928



Tritanopia
78, 16.026, 353.044

Trichromacy



Original Color
78, 16.017, 61.544

Protanomaly
78, 13.243, 77.073

Deuteranomaly
78, 16.934, 56.713

Tritanomaly
78, 13.354, 18.195

Monochromacy



Original Color
78, 16.017, 61.544

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.680, 68.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 16.017, 61.544 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(217, 187, 167)` looks like.

```
.text, #text, p{  
    color:rgb(217, 187, 167)  
}
```

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(217, 187, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 187, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 16.017, 61.544 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(217, 187, 167) }
```

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

```
.border{ border-color:rgb(217, 187, 167) }
```

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

Here you see how a box with a 4 pixel rgb(217, 187, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 187, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 187, 167);  
box-shadow:4px 4px 4px 4px rgb(217, 187,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 16.017, 61.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 187, 167) }
```

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

```
.background{ background-color: rgb(217,  
187, 167) }
```

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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