

Converting Colors

CIELCh(78, 17.355, 77.420)

Have a look what the booklet for
CIELCh(78, 17.355, 77.420) contains.

CIELCh(78, 17.104, 76.601)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 17.104, 76.601)

Conversions

Conversions Part 1

Format	Color
Hex	D4BDA2
RGB	212, 189, 162
RGB Percent	83%, 74%, 64%
CMY	0.1672, 0.2575, 0.3634
CMYK	0.00, 0.11, 0.24, 0.17
HSL	32°, 37%, 73%
HSV	32°, 24%, 83%
XYZ	52.0752, 53.2120, 41.8636
YIQ	192.7990, 22.3750, -3.5210

Conversions

Conversions Part 2

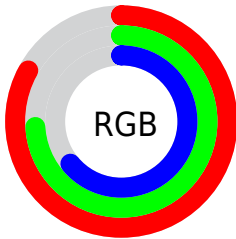
Format	Color
R _Y B	205, 212, 162
Decimal	13942178
CIE Lab	78.00, 3.96, 16.64
CIE LCh	78, 17.104, 76.601
Yxy	53.2120, 0.3539, 0.3616
Android (android.graphics.Color)	4292132258 (0xFFD4BDA2)
YUV	192.7990, -15.1839, 16.8393
Hunter-Lab	72.9466, -0.2285, 17.0364

Details

The CIELCh color $78, 17.104, 76.601$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $74, 16.308, 263.181$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 14.725, 94.517$, and $58, 17.338, 77.156$ is the 20% darker color. If you saturate the color by 10%, you get $75, 24.863, 75.296$, and if you desaturate by 10%, it is $81, 9.645, 77.888$.

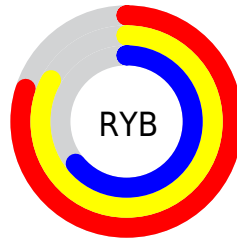
Distribution



Red (83%)

Green (74%)

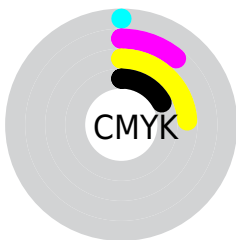
Blue (64%)



Red (80%)

Yellow (83%)

Blue (64%)

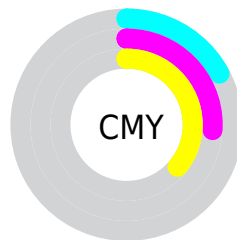


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (17%)



Cyan (17%)

Magenta (26%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 17.104, 76.601 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, 17.104, 76.601 by changing the saturation by 10% instead.

 78, 17.104, 76.601

 78, 17.104, 76.601

 100, 17.104,
76.601

 68, 17.104, 76.601

 98, 17.104, 76.601

 58, 17.104, 76.601

 48, 17.104, 76.601

 38, 17.104, 76.601

 28, 17.104, 76.601

 18, 17.104, 76.601

 8, 17.104, 76.601

 0, 17.104, 76.601

 78, 17.104, 76.601

 78, 17.104, 76.601

75, 24.863, 75.296

81, 9.645, 77.888

72, 32.909, 73.956

84, 2.475, 79.047

70, 41.185, 72.585

87, 4.427, 260.496

67, 49.547, 71.156

90, 11.086,
261.634

64, 57.685, 69.601

93, 12.063,
245.252

62, 65.009, 67.774

60, 70.593, 65.405

95, 12.336,
215.870

58, 73.268, 63.621

97, 14.255,
198.555

Harmonies

Complementary

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



78, 17.104, 76.601



74, 16.308, 263.181

Rectangle

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



78, 17.104, 76.601



78, 17.104, 126.601



78, 17.104, 256.601



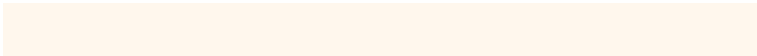
78, 17.104, 306.601

Sweetspot

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



78, 17.105, 76.610



98, 5.701, 78.677



72, 22.644, 347.664



52, 3.709, 78.606



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, 17.105, 76.610



90, 23.815, 75.991



84, 26.099, 109.336



44, 4.033, 78.398



47, 62.171, 64.221



10, 17.109, 64.068

Inverse Universe

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



74, 16.308, 263.181



85, 22.463, 264.071



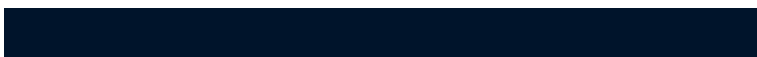
68, 27.582, 294.068



43, 3.969, 260.933



35, 57.545, 287.488



6, 18.193, 276.446

Previews

White Background



This preview shows how the CIELCh color 78, 17.104, 76.601 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, 17.104, 76.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

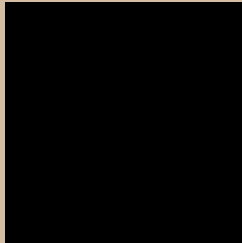
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

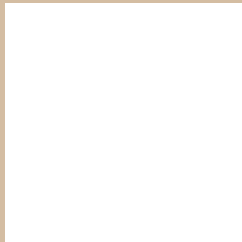
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 17.104, 76.601

Background



This preview shows how black text looks on a background with the CIELCh color 78, 17.104, 76.601.



This preview shows how white text looks on a background with the CIELCh color 78, 17.104, 76.601.

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, 17.104, 76.601

Protanopia

78, 15.530, 92.652

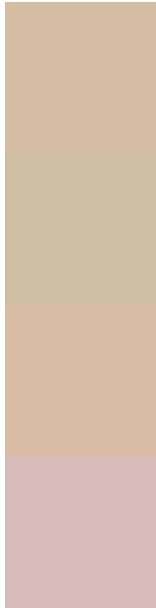
Deuteranopia

78, 19.013, 60.054



Tritanopia
78, 14.643, 347.513

Trichromacy



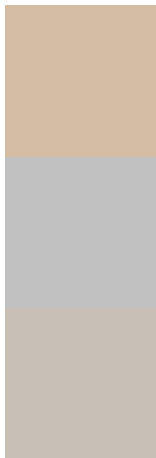
Original Color
78, 17.104, 76.601

Protanomaly
78, 16.066, 87.198

Deuteranomaly
78, 17.877, 65.402

Tritanomaly
78, 11.021, 20.257

Monochromacy



Original Color
78, 17.104, 76.601

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 6.117, 80.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 17.104, 76.601 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(212, 189, 162)` looks like.

```
.text, #text, p{  
    color:rgb(212, 189, 162)  
}
```

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(212, 189, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 189, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 17.104, 76.601 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(212, 189, 162) }
```

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

```
.border{ border-color:rgb(212, 189, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 189, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 189, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 189, 162);  
box-shadow:4px 4px 4px 4px rgb(212, 189,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 17.104, 76.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 189, 162) }
```

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

```
.background{ background-color: rgb(212,  
189, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor