

Converting Colors

CIELCh(78, 19.027, 69.863)

Have a look what the booklet for
CIELCh(78, 19.027, 69.863) contains.

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Color

CIELCh(78, 19.256, 70.290)

Conversions

Conversions Part 1

Format	Color
Hex	DABCA0
RGB	218, 188, 160
RGB Percent	85%, 74%, 63%
CMY	0.1464, 0.2640, 0.3738
CMYK	0.00, 0.14, 0.27, 0.15
HSL	29°, 44%, 74%
HSV	29°, 27%, 85%
XYZ	53.0476, 53.2120, 40.5905
YIQ	193.7780, 26.8680, -2.3480

Conversions

Conversions Part 2

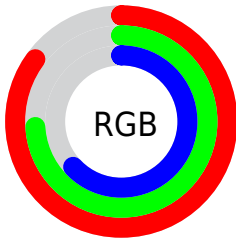
Format	Color
R _Y B	218, 214, 160
Decimal	14335136
CIE Lab	78.00, 6.49, 18.13
CIE LCh	78, 19.256, 70.290
Yxy	53.2120, 0.3612, 0.3624
Android (android.graphics.Color)	4292525216 (0xFFDABCA0)
YUV	193.7780, -16.6526, 21.2427
Hunter-Lab	72.9466, 2.1508, 18.0711

Details

The CIELCh color $78, 19.256, 70.290$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $76, 17.765, 257.559$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 15.326, 93.577$, and $58, 19.381, 71.350$ is the 20% darker color. If you saturate the color by 10%, you get $75, 27.167, 69.077$, and if you desaturate by 10%, it is $81, 11.727, 71.507$.

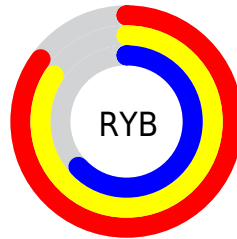
Distribution



Red (85%)

Green (74%)

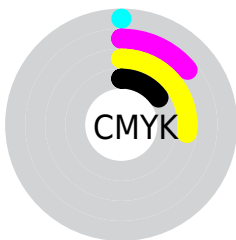
Blue (63%)



Red (85%)

Yellow (84%)

Blue (63%)

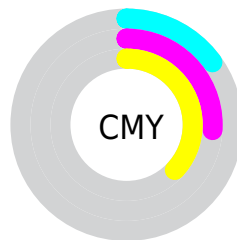


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (15%)



Cyan (15%)

Magenta (26%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 19.256, 70.290 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, 19.256, 70.290 by changing the saturation by 10% instead.

 78, 19.256, 70.290

 78, 19.256, 70.290

 100, 19.256,
70.290

 68, 19.256, 70.290

 98, 19.256, 70.290

 58, 19.256, 70.290

 48, 19.256, 70.290

 38, 19.256, 70.290

 28, 19.256, 70.290

 18, 19.256, 70.290

 8, 19.256, 70.290

 0, 19.256, 70.290

 78, 19.256, 70.290

 78, 19.256, 70.290

75, 27.167, 69.077

81, 11.727, 71.507

72, 35.452, 67.850

85, 4.561, 72.662

69, 44.055, 66.609

88, 2.271, 254.119

66, 52.813, 65.319

92, 8.802, 255.146

63, 61.367, 63.885

95, 10.377,
232.220

60, 69.013, 62.101

97, 12.556,
198.667

58, 74.703, 59.624

57, 76.385, 58.761

Harmonies

Complementary

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



78, 19.256, 70.290



76, 17.765, 257.559

Rectangle

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



78, 19.256, 70.290



78, 19.256, 120.290



78, 19.256, 250.290



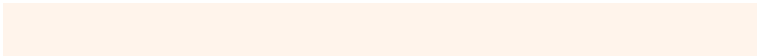
78, 19.256, 300.290

Sweetspot

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



78, 19.256, 70.298



97, 6.276, 72.506



72, 27.273, 344.235



51, 4.477, 72.334



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, 19.256, 70.298



88, 26.685, 69.609



85, 29.110, 106.162



44, 3.954, 72.352



46, 64.239, 59.394



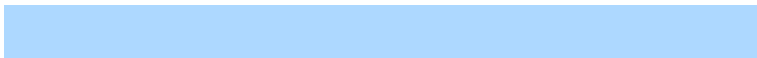
10, 18.359, 57.805

Inverse Universe

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



76, 17.765, 257.559



85, 24.145, 258.673



68, 30.889, 292.078



44, 3.858, 254.813



38, 52.018, 282.102



8, 17.635, 272.001

Previews

White Background



This preview shows how the CIELCh color 78, 19.256, 70.290 looks on a white background.

Color Contrast Check

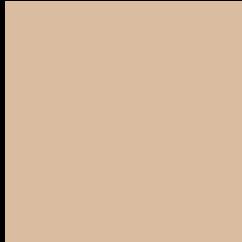
Large Text (above 18pt) WCAG AA × Fail

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, 19.256, 70.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

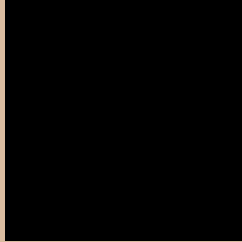
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 19.256, 70.290

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.256, 70.290.



This preview shows how white text looks on a background with the CIELCh color 78, 19.256, 70.290.

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, 19.256, 70.290

Protanopia

78, 16.959, 95.224

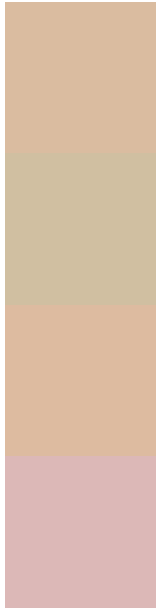
Deuteranopia

78, 20.464, 62.451



Tritanopia
78, 16.935, 352.710

Trichromacy



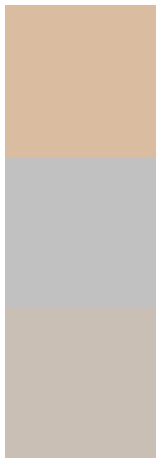
Original Color
78, 19.256, 70.290

Protanomaly
78, 17.368, 85.881

Deuteranomaly
78, 19.952, 65.828

Tritanomaly
78, 13.820, 22.697

Monochromacy



Original Color
78, 19.256, 70.290

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 6.763, 71.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.256, 70.290 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(218, 188, 160)` looks like.

```
.text, #text, p{  
    color:rgb(218, 188, 160)  
}
```

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(218, 188, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 188, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.256, 70.290 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(218, 188, 160) }
```

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

```
.border{ border-color:rgb(218, 188, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 188, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 188, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 188, 160);  
box-shadow:4px 4px 4px 4px rgb(218, 188,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.256, 70.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 188, 160) }
```

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

```
.background{ background-color: rgb(218,  
188, 160) }
```

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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