

Converting Colors

CIELCh(78, 19.976, 65.815)

Have a look what the booklet for
CIELCh(78, 19.976, 65.815) contains.

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Color

CIELCh(78, 19.952, 65.828)

Conversions

Conversions Part 1

Format	Color
Hex	DDBBA0
RGB	221, 187, 160
RGB Percent	87%, 73%, 63%
CMY	0.1349, 0.2682, 0.3740
CMYK	0.00, 0.15, 0.28, 0.13
HSL	27°, 47%, 75%
HSV	27°, 28%, 87%
XYZ	53.6980, 53.2120, 40.5273
YIQ	194.0880, 28.9310, -1.1890

Conversions

Conversions Part 2

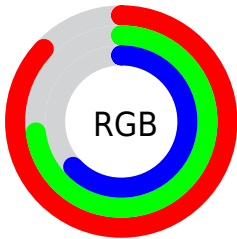
Format	Color
R _Y B	221, 208, 160
Decimal	14531488
CIE Lab	78.00, 8.17, 18.20
CIE LCh	78, 19.952, 65.828
Yxy	53.2120, 0.3642, 0.3609
Android (android.graphics.Color)	4292721568 (0xFFDDBBA0)
YUV	194.0880, -16.8054, 23.6018
Hunter-Lab	72.9466, 3.7423, 18.1225

Details

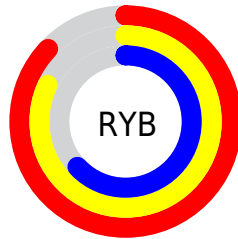
The CIELCh color **78, 19.952, 65.828** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 17.988, 253.008**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 14.953, 91.730**, and **58, 20.121, 66.583** is the 20% darker color. If you saturate the color by 10%, you get **75, 27.972, 64.728**, and if you desaturate by 10%, it is **82, 12.372, 66.950**.

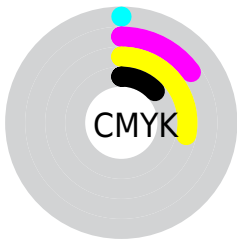
Distribution



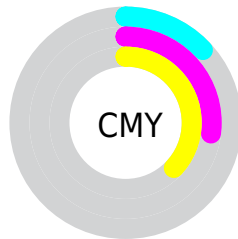
- Red (87%)
- Green (73%)
- Blue (63%)



- Red (87%)
- Yellow (82%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 19.952, 65.828 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, 19.952, 65.828 by changing the saturation by 10% instead.

 78, 19.952, 65.828

 78, 19.952, 65.828

 100, 19.952,
65.828

 68, 19.952, 65.828

 98, 19.952, 65.828

 58, 19.952, 65.828

 48, 19.952, 65.828

 38, 19.952, 65.828

 28, 19.952, 65.828

 18, 19.952, 65.828

 8, 19.952, 65.828

 0, 19.952, 65.828

 78, 19.952, 65.828

 78, 19.952, 65.828

75, 27.972, 64.728

82, 12.372, 66.950

71, 36.432, 63.635

85, 5.208, 68.031

68, 45.280, 62.548

89, 1.577, 249.520

65, 54.355, 61.431

93, 8.022, 250.401

62, 63.287, 60.177

96, 9.844, 220.086

59, 71.322, 58.551

98, 11.609,
198.731

57, 77.381, 56.197

56, 78.702, 55.652

Harmonies

Complementary

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



78, 19.952, 65.828



77, 17.988, 253.008

Rectangle

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



78, 19.952, 65.828



78, 19.952, 115.828



78, 19.952, 245.828



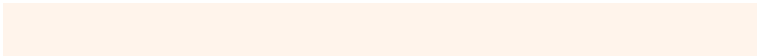
78, 19.952, 295.828

Sweetspot

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



78, 19.952, 65.836



97, 6.142, 67.987



72, 29.235, 342.571



51, 4.384, 67.829



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, 19.952, 65.836



87, 27.236, 65.211



86, 29.564, 104.517



44, 3.872, 67.845



45, 65.459, 56.313



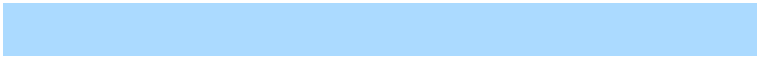
10, 18.464, 53.231

Inverse Universe

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



77, 17.988, 253.008



85, 23.969, 254.105



69, 31.299, 290.856



44, 3.754, 250.190



40, 47.942, 277.603



8, 16.531, 267.199

Previews

White Background



This preview shows how the CIELCh color 78, 19.952, 65.828 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, 19.952, 65.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

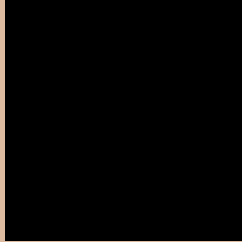
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 19.952, 65.828

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.952, 65.828.



This preview shows how white text looks on a background with the CIELCh color 78, 19.952, 65.828.

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
78, 17.739, 356.119

Trichromacy



Original Color
78, 19.952, 65.828

Protanomaly
78, 17.040, 84.038

Deuteranomaly
78, 20.162, 63.224

Tritanomaly
78, 14.999, 22.622

Monochromacy



Original Color
78, 19.952, 65.828

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 6.874, 63.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.952, 65.828 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(221, 187, 160)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 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(221, 187, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.952, 65.828 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(221, 187, 160) }
```

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

```
.border{ border-color:rgb(221, 187, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 187, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 187, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 187, 160); box-shadow:4px 4px 4px 4px rgb(221, 187, 160) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.952, 65.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 160) }
```

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

```
.background{ background-color: rgb(221,  
187, 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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