

Converting Colors

CIELCh(78, 5.667, 34.885)

Have a look what the booklet for
CIELCh(78, 5.667, 34.885) contains.

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Color

CIELCh(78, 5.494, 36.616)

Conversions

Conversions Part 1

Format	Color
Hex	CCBEBB
RGB	204, 190, 187
RGB Percent	80%, 75%, 73%
CMY	0.2003, 0.2551, 0.2669
CMYK	0.00, 0.07, 0.08, 0.20
HSL	11°, 14%, 77%
HSV	11°, 8%, 80%
XYZ	52.2458, 53.2120, 54.4950
YIQ	193.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

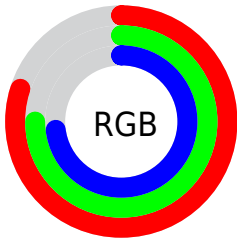
Format	Color
R _Y B	204, 191, 187
Decimal	13418171
CIE Lab	78.00, 4.41, 3.28
CIE LCh	78, 5.494, 36.616
Yxy	53.2120, 0.3266, 0.3327
Android (android.graphics.Color)	4291608251 (0xFFCCBEBB)
YUV	193.8440, -3.3741, 8.9068
Hunter-Lab	72.9466, 0.1889, 6.7698

Details

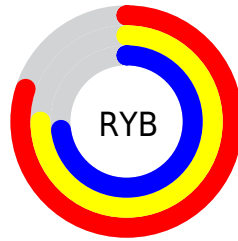
The CIELCh color $78, 5.494, 36.616$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 5.214, 217.053$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 3.531, 45.031$, and $58, 5.483, 37.829$ is the 20% darker color. If you saturate the color by 10%, you get $73, 12.595, 36.707$, and if you desaturate by 10%, it is $83, 1.056, 217.360$.

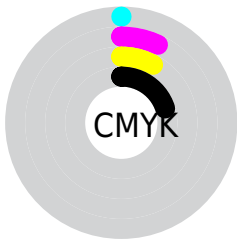
Distribution



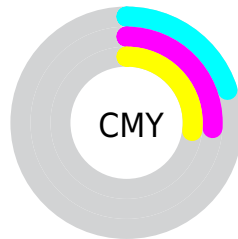
- Red (80%)
- Green (75%)
- Blue (73%)



- Red (80%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (20%)



- Cyan (20%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.494, 36.616 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, 5.494, 36.616 by changing the saturation by 10% instead.

 78, 5.494, 36.616  78, 5.494, 36.616

 100, 5.494, 36.616  68, 5.494, 36.616

 98, 5.494, 36.616  58, 5.494, 36.616

 48, 5.494, 36.616

 38, 5.494, 36.616

 28, 5.494, 36.616

 18, 5.494, 36.616

 8, 5.494, 36.616

 0, 5.494, 36.616

 78, 5.494, 36.616  78, 5.494, 36.616

73, 12.595, 36.707

83, 1.056, 217.360

69, 20.296, 36.870

88, 7.108, 217.082

64, 28.626, 37.201

93, 12.716,
217.273

60, 37.583, 37.747

97, 16.892,
198.385

56, 47.109, 38.548

52, 57.050, 39.614

49, 67.062, 40.866

47, 76.383, 42.006

45, 83.683, 42.518

Harmonies

Complementary

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



78, 5.494, 36.616



80, 5.214, 217.053

Rectangle

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



78, 5.494, 36.616



78, 5.494, 86.616



78, 5.494, 216.616



78, 5.494, 266.616

Sweetspot

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



78, 5.493, 36.639



98, 2.319, 36.495



78, 9.861, 329.862



52, 1.764, 36.548



0, 0.000, 0.000



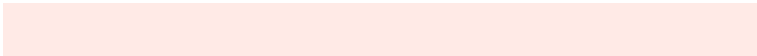
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 5.493, 36.639



94, 7.960, 36.651



80, 6.362, 90.059



40, 3.756, 36.647



36, 72.348, 42.989



5, 16.208, 29.113

Inverse Universe

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



80, 5.214, 217.053



97, 7.465, 217.076



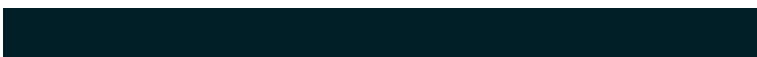
78, 6.365, 272.238



42, 3.540, 217.065



52, 31.568, 230.158



10, 11.784, 222.319

Previews

White Background



This preview shows how the CIELCh color 78, 5.494, 36.616 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, 5.494, 36.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

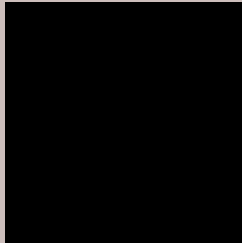
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 5.494, 36.616

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.494, 36.616.



This preview shows how white text looks on a background with the CIELCh color 78, 5.494, 36.616.

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, 5.494, 36.616

Protanopia

78, 2.817, 68.519

Deuteranopia

78, 9.844, 17.063



Tritanopia
78, 10.023, 331.837

Trichromacy



Original Color
78, 5.494, 36.616

Protanomaly
78, 3.714, 45.017

Deuteranomaly
78, 8.298, 20.012

Tritanomaly
78, 7.324, 344.240

Monochromacy



Original Color
78, 5.494, 36.616

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.127, 49.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.494, 36.616 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(204, 190, 187)` looks like.

```
.text, #text, p{  
    color:rgb(204, 190, 187)  
}
```

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(204, 190, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.494, 36.616 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(204, 190, 187) }
```

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

```
.border{ border-color:rgb(204, 190, 187) }
```

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

Here you see how a box with a 4 pixel rgb(204, 190, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 187);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.494, 36.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 187) }
```

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

```
.background{ background-color: rgb(204,  
190, 187) }
```

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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