

Converting Colors

CIELCh(80, 9.541, 36.928)

Have a look what the booklet for
CIELCh(80, 9.541, 36.928) contains.

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Color

CIELCh(80, 9.486, 36.216)

Conversions

Conversions Part 1

Format	Color
Hex	D9C1BC
RGB	217, 193, 188
RGB Percent	85%, 76%, 74%
CMY	0.1480, 0.2421, 0.2618
CMYK	0.00, 0.11, 0.13, 0.15
HSL	10°, 28%, 80%
HSV	10°, 13%, 85%
XYZ	56.9187, 56.6813, 55.6568
YIQ	199.6060, 15.9090, 3.5330

Conversions

Conversions Part 2

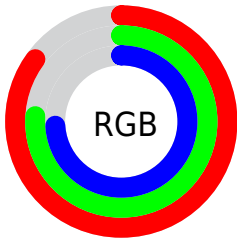
Format	Color
R _Y B	217, 194, 188
Decimal	14270908
CIE Lab	80.00, 7.65, 5.60
CIE LCh	80, 9.486, 36.216
Yxy	56.6813, 0.3363, 0.3349
Android (android.graphics.Color)	4292460988 (0xFFD9C1BC)
YUV	199.6060, -5.7218, 15.2545
Hunter-Lab	75.2870, 3.1980, 8.8700

Details

The CIELCh color $80, 9.486, 36.216$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 8.697, 216.649$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 3.295, 69.696$, and $60, 9.603, 33.750$ is the 20% darker color. If you saturate the color by 10%, you get $75, 17.299, 36.355$, and if you desaturate by 10%, it is $85, 2.284, 36.061$.

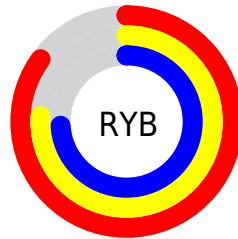
Distribution



Red (85%)

Green (76%)

Blue (74%)



Red (85%)

Yellow (76%)

Blue (74%)

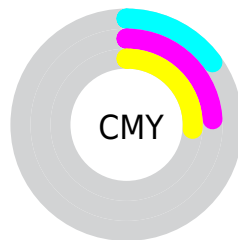


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (15%)



Cyan (15%)

Magenta (24%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 9.486, 36.216 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 80, 9.486, 36.216 by changing the saturation by 10% instead.

 80, 9.486, 36.216

 80, 9.486, 36.216

 100, 9.486, 36.216

 70, 9.486, 36.216

 60, 9.486, 36.216

 50, 9.486, 36.216

 40, 9.486, 36.216

 30, 9.486, 36.216

 20, 9.486, 36.216

 10, 9.486, 36.216

 0, 9.486, 36.216

 80, 9.486, 36.216

 80, 9.486, 36.216

75, 17.299, 36.355

85, 2.284, 36.061

70, 25.766, 36.624

90, 4.359, 216.568

66, 34.904, 37.090

95, 10.503,
216.673

61, 44.680, 37.800

97, 12.689,
198.658

57, 54.986, 38.784

54, 65.568, 40.018

51, 75.871, 41.326

48, 84.667, 42.200

47, 89.187, 42.488

Harmonies

Complementary

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



80, 9.486, 36.216



83, 8.697, 216.649

Rectangle

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



80, 9.486, 36.216



80, 9.486, 86.216



80, 9.486, 216.216



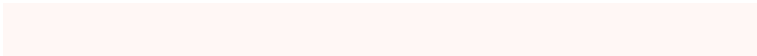
80, 9.486, 266.216

Sweetspot

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



80, 9.485, 36.230



98, 3.113, 36.101



79, 16.680, 330.185



52, 2.220, 36.130



0, 0.000, 0.000



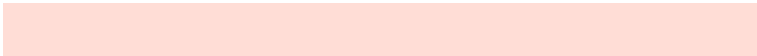
53, 0.007, 296.813

Same Dimension

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



80, 9.485, 36.230



91, 13.096, 36.255



84, 10.793, 89.433



43, 3.998, 36.201



38, 75.027, 42.818



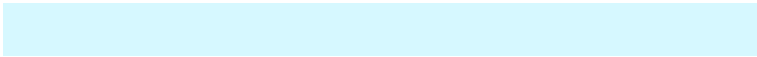
7, 21.290, 29.632

Inverse Universe

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



83, 8.697, 216.649



95, 11.774, 216.718



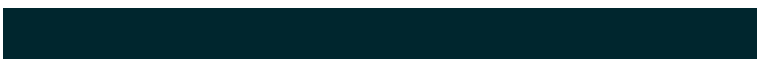
80, 10.771, 272.948



45, 3.766, 216.582



55, 32.623, 229.391



13, 13.133, 222.983

Previews

White Background



This preview shows how the CIELCh color 80, 9.486, 36.216 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 CIE LCh color 80, 9.486, 36.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

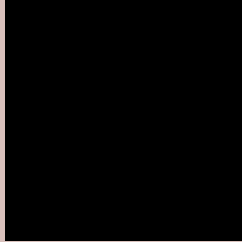
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 9.486, 36.216

Background



This preview shows how black text looks on a background with the CIELCh color 80, 9.486, 36.216.



This preview shows how white text looks on a background with the CIELCh color 80, 9.486, 36.216.

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

80, 9.486, 36.216

Protanopia

80, 4.318, 78.598

Deuteranopia

80, 11.131, 28.395



Tritanopia
80, 13.334, 343.807

Trichromacy



Original Color
80, 9.486, 36.216

Protanomaly
80, 5.815, 52.780

Deuteranomaly
80, 10.747, 28.661

Tritanomaly
80, 10.901, 357.370

Monochromacy



Original Color
80, 9.486, 36.216

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 3.136, 39.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 9.486, 36.216 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, 193, 188)` looks like.

```
.text, #text, p{  
    color:rgb(217, 193, 188)  
}
```

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, 193, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 193, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 9.486, 36.216 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, 193, 188) }
```

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

```
.border{ border-color:rgb(217, 193, 188) }
```

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

Here you see how a box with a 4 pixel rgb(217, 193, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 193, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 193, 188);  
box-shadow:4px 4px 4px 4px rgb(217, 193,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 9.486, 36.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 193, 188) }
```

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

```
.background{ background-color: rgb(217,  
193, 188) }
```

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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