

Converting Colors

CIELCh(81, 8.521, 44.867)

Have a look what the booklet for
CIELCh(81, 8.521, 44.867) contains.

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Color

CIELCh(81, 8.417, 45.908)

Conversions

Conversions Part 1

Format	Color
Hex	D9C5BE
RGB	217, 197, 190
RGB Percent	85%, 77%, 75%
CMY	0.1486, 0.2270, 0.2545
CMYK	0.00, 0.09, 0.12, 0.15
HSL	16°, 26%, 80%
HSV	16°, 12%, 85%
XYZ	57.9433, 58.4711, 57.0077
YIQ	202.1820, 14.1670, 2.0630

Conversions

Conversions Part 2

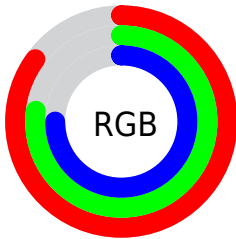
Format	Color
R _Y B	217, 199, 190
Decimal	14271934
CIE Lab	81.00, 5.86, 6.05
CIE LCh	81, 8.417, 45.908
Yxy	58.4711, 0.3341, 0.3372
Android (android.graphics.Color)	4292462014 (0xFFD9C5BE)
YUV	202.1820, -6.0057, 12.9954
Hunter-Lab	76.4664, 1.4443, 9.3242

Details

The CIELCh color **81, 8.417, 45.908** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 7.819, 227.371**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.060, 104.856**, and **61, 8.381, 43.617** is the 20% darker color. If you saturate the color by 10%, you get **76, 15.804, 45.583**, and if you desaturate by 10%, it is **86, 1.584, 46.092**.

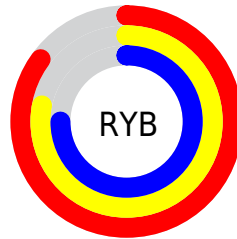
Distribution



Red (85%)

Green (77%)

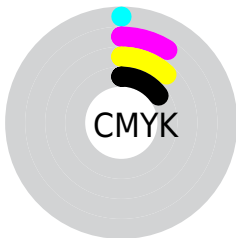
Blue (75%)



Red (85%)

Yellow (78%)

Blue (75%)

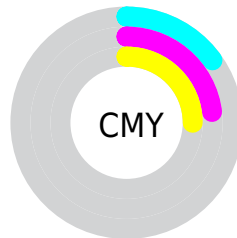


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (15%)



Cyan (15%)

Magenta (23%)

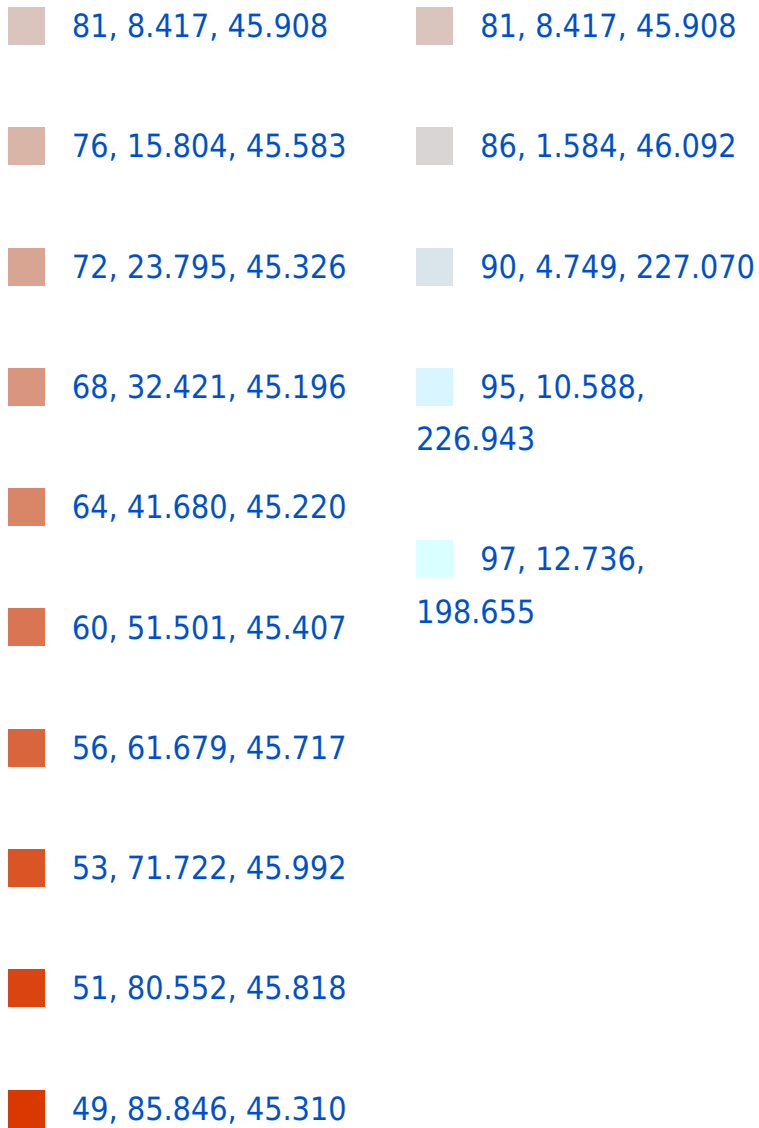
Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.417, 45.908 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 81, 8.417, 45.908 by changing the saturation by 10% instead.





Harmonies

Complementary

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



81, 8.417, 45.908



83, 7.819, 227.371

Rectangle

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



81, 8.417, 45.908



81, 8.417, 95.908



81, 8.417, 225.908



81, 8.417, 275.908

Sweetspot

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



81, 8.416, 45.925



98, 2.983, 46.156



80, 14.632, 333.131



52, 2.126, 46.154



0, 0.000, 0.000



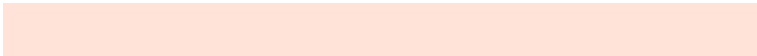
53, 0.007, 296.813

Same Dimension

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



81, 8.416, 45.925



92, 11.691, 45.828



84, 10.911, 95.741



44, 3.827, 46.031



39, 72.188, 45.765



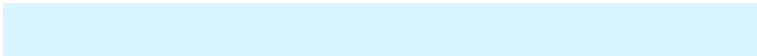
8, 20.194, 35.396

Inverse Universe

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



83, 7.819, 227.371



95, 10.672, 227.557



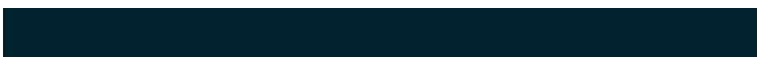
80, 11.009, 278.830



45, 3.624, 227.189



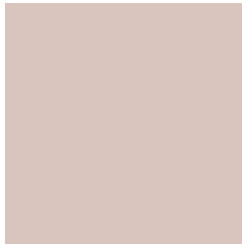
50, 34.589, 247.934



12, 13.322, 238.559

Previews

White Background



This preview shows how the CIELCh color 81, 8.417, 45.908 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 81, 8.417, 45.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

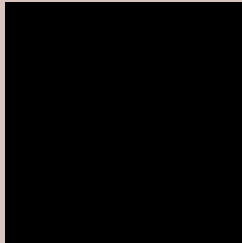
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 8.417, 45.908

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.417, 45.908.



This preview shows how white text looks on a background with the CIELCh color 81, 8.417, 45.908.

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

81, 8.417, 45.908

Protanopia

81, 4.959, 77.973

Deuteranopia

81, 11.875, 27.914



Tritanopia
81, 12.433, 340.621

Trichromacy



Original Color
81, 8.417, 45.908

Protanomaly
81, 6.168, 62.860

Deuteranomaly
81, 10.445, 31.775

Tritanomaly
81, 9.641, 357.544

Monochromacy



Original Color
81, 8.417, 45.908

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.781, 41.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.417, 45.908 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, 197, 190)` looks like.

```
.text, #text, p{  
    color:rgb(217, 197, 190)  
}
```

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, 197, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 197, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.417, 45.908 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, 197, 190) }
```

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

```
.border{ border-color:rgb(217, 197, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 197, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 197, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 197, 190);  
box-shadow:4px 4px 4px 4px rgb(217, 197,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.417, 45.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 197, 190) }
```

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

```
.background{ background-color: rgb(217,  
197, 190) }
```

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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