

Converting Colors

CIELCh(80, 17.505, 323.900)

Have a look what the booklet for
CIELCh(80, 17.505, 323.900)
contains.

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Color

CIELCh(80, 17.851, 324.146)

Conversions

Conversions Part 1

Format	Color
Hex	D9BEDA
RGB	217, 190, 218
RGB Percent	85%, 75%, 85%
CMY	0.1488, 0.2546, 0.1448
CMYK	0.00, 0.13, 0.00, 0.14
HSL	298°, 27%, 80%
HSV	298°, 13%, 86%
XYZ	59.7249, 56.6813, 74.1665
YIQ	201.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

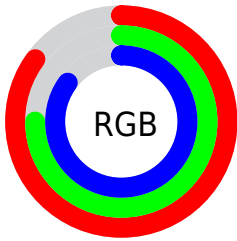
Format	Color
R _Y B	217, 190, 218
Decimal	14270170
CIE Lab	80.00, 14.47, -10.46
CIE LCh	80, 17.851, 324.146
Yxy	56.6813, 0.3134, 0.2974
Android (android.graphics.Color)	4292460250 (0xFFD9BEDA)
YUV	201.2650, 8.2504, 13.7996
Hunter-Lab	75.2870, 9.8513, -5.7067

Details

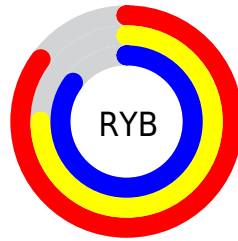
The CIELCh color $80, 17.851, 324.146$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84, 17.813, 142.761$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 5.604, 324.582$, and $60, 17.506, 324.218$ is the 20% darker color. If you saturate the color by 10%, you get $75, 31.849, 324.675$, and if you desaturate by 10%, it is $85, 3.925, 323.569$.

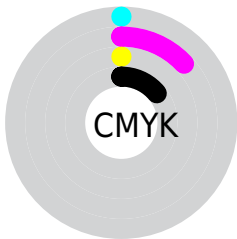
Distribution



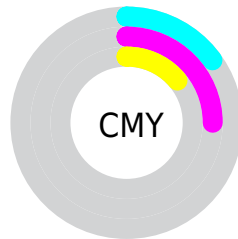
- Red (85%)
- Green (75%)
- Blue (85%)



- Red (85%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)





- Cyan (15%)
- Magenta (25%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 17.851, 324.146 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, 17.851, 324.146 by changing the saturation by 10% instead.


 80, 17.851,
324.146


 80, 17.851,
324.146


 100, 17.851,
324.146


 70, 17.851,
324.146


 60, 17.851,
324.146

 50, 17.851,
324.146

 40, 17.851,
324.146

 30, 17.851,
324.146

 20, 17.851,
324.146

 10, 17.851,

324.146

■ 0, 17.851, 324.146

■ 80, 17.851,
324.146

■ 80, 17.851,
324.146

■ 75, 31.849,
324.675

■ 85, 3.925, 323.569

■ 70, 45.689,
325.184

■ 91, 9.767, 143.148

■ 65, 59.032,
325.658

■ 97, 22.832,
142.632

■ 61, 71.431,
326.080

■ 97, 22.676,
142.082

■ 57, 82.356,
326.427

■ 97, 22.521,
141.523

■ 97, 22.369,
140.956

■ 54, 91.253,
326.679

■ 97, 22.219,
140.379

■ 52, 97.676,
326.822

■ 97, 22.070,
139.793

■ 51, 101.445,
326.849

■ 97, 21.924,
139.198

■ 50, 102.869,
326.813

Harmonies

Complementary

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



80, 17.851, 324.146



84, 17.813, 142.761

Rectangle

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



80, 17.851, 324.146



80, 17.851, 14.146



80, 17.851, 144.146



80, 17.851, 194.146

Sweetspot

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



80, 17.849, 324.146



97, 6.281, 323.651



78, 14.252, 289.521



52, 4.465, 323.699



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, 17.849, 324.146



91, 23.701, 324.269



80, 13.177, 342.060



43, 7.913, 323.962



40, 86.698, 326.835



7, 34.434, 326.951

Inverse Universe

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



79, 10.578, 17.343



90, 14.151, 17.553



85, 13.006, 160.034



43, 4.640, 17.041



36, 76.707, 38.458



5, 23.787, 18.731

Previews

White Background



This preview shows how the CIELCh color 80, 17.851, 324.146 looks on a white background.

Color Contrast Check

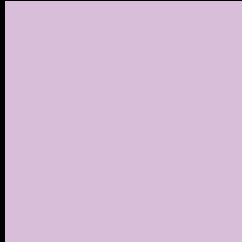
Large Text (above 18pt) WCAG AA × Fail

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, 17.851, 324.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

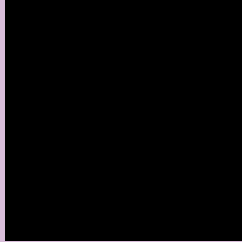
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 17.851, 324.146

Background



This preview shows how black text looks on a background with the CIELCh color 80, 17.851, 324.146.



This preview shows how white text looks on a background with the CIELCh color 80, 17.851, 324.146.

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
80, 11.633, 337.024

Trichromacy



Original Color
80, 17.851, 324.146

Protanomaly
80, 14.805, 303.744

Deuteranomaly
80, 15.196, 319.306

Tritanomaly
80, 14.043, 331.227

Monochromacy



Original Color
80, 17.851, 324.146

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 6.480, 324.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 17.851, 324.146 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, 190, 218)` looks like.

```
.text, #text, p{  
    color:rgb(217, 190, 218)  
}
```

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, 190, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 190, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 17.851, 324.146 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, 190, 218) }
```

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

```
.border{ border-color:rgb(217, 190, 218) }
```

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

Here you see how a box with a 4 pixel rgb(217, 190, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 190, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 190, 218);  
box-shadow:4px 4px 4px 4px rgb(217, 190,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 17.851, 324.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 190, 218) }
```

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

```
.background{ background-color: rgb(217,  
190, 218) }
```

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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