

Converting Colors

CIELCh(80, 7.298, 29.764)

Have a look what the booklet for
CIELCh(80, 7.298, 29.764) contains.

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Color

CIELCh(80, 7.206, 28.330)

Conversions

Conversions Part 1

Format	Color
Hex	D5C2C0
RGB	213, 194, 192
RGB Percent	84%, 76%, 75%
CMY	0.1638, 0.2383, 0.2462
CMYK	0.00, 0.09, 0.10, 0.16
HSL	6°, 20%, 80%
HSV	6°, 10%, 84%
XYZ	56.3895, 56.6813, 57.9696
YIQ	199.4530, 11.9660, 3.4060

Conversions

Conversions Part 2

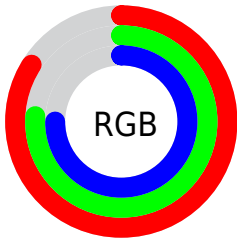
Format	Color
RYB	213, 194, 192
Decimal	14009024
CIELab	80.00, 6.34, 3.42
CIElCh	80, 7.206, 28.330
Yxy	56.6813, 0.3297, 0.3314
Android (android.graphics.Color)	4292199104 (0xFFD5C2C0)
YUV	199.4530, -3.6743, 11.8807
Hunter-Lab	75.2870, 1.9432, 7.0487

Details

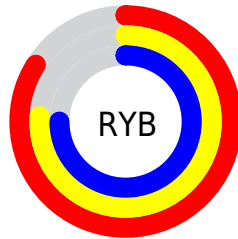
The CIELCh color $80, 7.206, 28.330$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 6.759, 208.045$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.022, 49.321$, and $60, 7.217, 24.518$ is the 20% darker color. If you saturate the color by 10%, you get $75, 15.133, 28.814$, and if you desaturate by 10%, it is $85, 0.106, 213.658$.

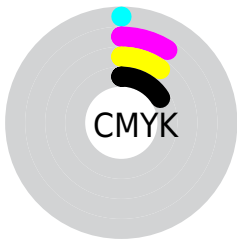
Distribution



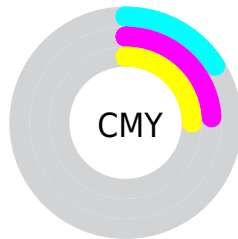
- Red (84%)
- Green (76%)
- Blue (75%)



- Red (84%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 7.206, 28.330 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, 7.206, 28.330 by changing the saturation by 10% instead.

80, 7.206, 28.330

80, 7.206, 28.330

100, 7.206, 28.330

70, 7.206, 28.330

60, 7.206, 28.330

50, 7.206, 28.330

40, 7.206, 28.330

30, 7.206, 28.330

20, 7.206, 28.330

10, 7.206, 28.330

0, 7.206, 28.330

80, 7.206, 28.330

80, 7.206, 28.330

75, 15.133, 28.814

85, 0.106, 213.658

69, 23.713, 29.441

91, 6.850, 208.059

65, 32.949, 30.308

96, 13.048,
205.214

60, 42.790, 31.486

97, 13.976,
198.573

56, 53.109, 33.040

52, 63.666, 34.998

49, 74.012, 37.266

47, 83.210, 39.430

45, 89.862, 40.946

Harmonies

Complementary

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



80, 7.206, 28.330



83, 6.759, 208.045

Rectangle

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



80, 7.206, 28.330



80, 7.206, 78.330



80, 7.206, 208.330



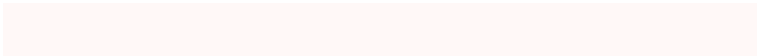
80, 7.206, 258.330

Sweetspot

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



80, 7.205, 28.347



98, 2.467, 27.953



80, 12.821, 327.312



52, 1.876, 28.032



0, 0.000, 0.000



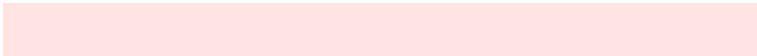
53, 0.007, 296.813

Same Dimension

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



80, 7.205, 28.347



92, 10.244, 28.445



83, 7.229, 82.583



42, 4.159, 28.329



36, 75.966, 41.147



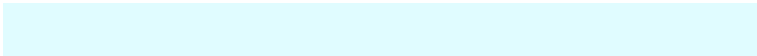
6, 20.694, 24.630

Inverse Universe

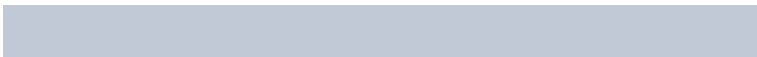
The Inverse Universe completely reimagines the original color for something new.



83, 6.759, 208.045



97, 9.462, 207.998



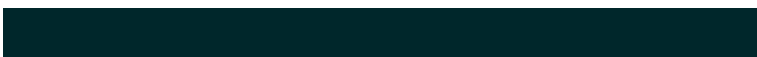
81, 7.152, 265.237



44, 3.913, 208.056



58, 33.195, 213.168



13, 13.221, 209.787

Previews

White Background



This preview shows how the CIELCh color 80, 7.206, 28.330 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 80, 7.206, 28.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

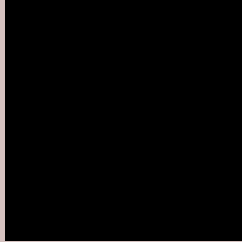
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

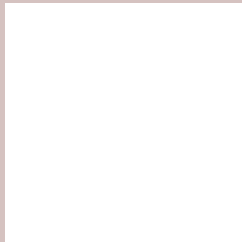
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 7.206, 28.330

Background



This preview shows how black text looks on a background with the CIELCh color 80, 7.206, 28.330.



This preview shows how white text looks on a background with the CIELCh color 80, 7.206, 28.330.

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, 7.206, 28.330

Protanopia

80, 2.800, 68.529

Deuteranopia

80, 10.557, 17.332



Tritanopia
80, 11.633, 337.024

Trichromacy



Original Color
80, 7.206, 28.330

Protanomaly
80, 4.274, 49.268

Deuteranomaly
80, 9.402, 20.093

Tritanomaly
80, 9.127, 348.514

Monochromacy



Original Color
80, 7.206, 28.330

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 2.632, 31.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 7.206, 28.330 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(213, 194, 192)` looks like.

```
.text, #text, p{  
    color:rgb(213, 194, 192)  
}
```

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(213, 194, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 194, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 7.206, 28.330 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(213, 194, 192) }
```

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

```
.border{ border-color:rgb(213, 194, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 194, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 194, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 194, 192);  
box-shadow:4px 4px 4px 4px rgb(213, 194,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 7.206, 28.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 194, 192) }
```

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

```
.background{ background-color: rgb(213,  
194, 192) }
```

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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