

Converting Colors

CIELCh(88, 4.705, 318.583)

Have a look what the booklet for
CIELCh(88, 4.705, 318.583) contains.

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Color

CIELCh(88, 4.723, 317.399)

Conversions

Conversions Part 1

Format	Color
Hex	E1DBE3
RGB	225, 219, 227
RGB Percent	88%, 86%, 89%
CMY	0.1184, 0.1420, 0.1106
CMYK	0.01, 0.04, 0.00, 0.11
HSL	285°, 12%, 87%
HSV	285°, 4%, 89%
XYZ	70.1019, 72.0653, 82.7391
YIQ	221.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

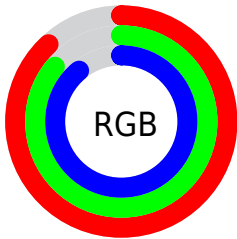
Format	Color
R_{YB}	225, 219, 227
Decimal	14801891
CIE _{Lab}	88.00, 3.48, -3.20
CIE _{LCh}	88, 4.723, 317.399
Yxy	72.0653, 0.3117, 0.3204
Android (android.graphics.Color)	4292991971 (0xFFE1DBE3)
YUV	221.7060, 2.6099, 2.8888
Hunter-Lab	84.8913, -1.1572, 1.6370

Details

The CIELCh color **88, 4.723, 317.399** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 4.692, 137.186**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 4.978, 317.454** is the 20% darker color. If you saturate the color by 10%, you get **82, 18.275, 317.861**, and if you desaturate by 10%, it is **94, 8.536, 137.052**.

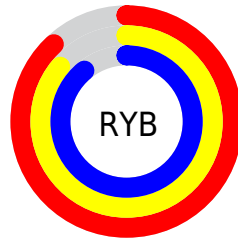
Distribution



Red (88%)

Green (86%)

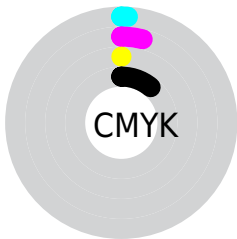
Blue (89%)



Red (88%)

Yellow (86%)

Blue (89%)

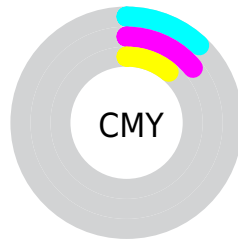


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 4.723, 317.399 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 88, 4.723, 317.399 by changing the saturation by 10% instead.

■ 88, 4.723, 317.399

■ 88, 4.723, 317.399

■ 100, 4.723,
317.399

■ 78, 4.723, 317.399

■ 68, 4.723, 317.399

■ 58, 4.723, 317.399

■ 48, 4.723, 317.399

■ 38, 4.723, 317.399

■ 28, 4.723, 317.399

■ 18, 4.723, 317.399

■ 8, 4.723, 317.399

■ 0, 4.723, 317.399

88, 4.723, 317.399

88, 4.723, 317.399

82, 18.275,
317.861

94, 8.536, 137.052

76, 32.033,
318.307

98, 15.898,
134.268

70, 45.833,
318.742

98, 15.110,
127.425

65, 59.420,
319.145

99, 14.563,
119.863

59, 72.414,
319.485

99, 14.294,
111.784

55, 84.290,
319.719

99, 14.271,
109.099

51, 94.401,
319.794

48, 102.078,
319.655

■ 45,106.860,
319.252

Harmonies

Complementary

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



88, 4.723, 317.399



90, 4.692, 137.186

Rectangle

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



88, 4.723, 317.399



88, 4.723, 7.399



88, 4.723, 137.399



88, 4.723, 187.399

Sweetspot

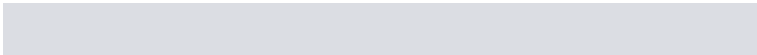
The Sweet Spot groups the original color and five complimentary colors.



88, 4.721, 317.395



99, 1.476, 317.176



88, 3.147, 276.588



53, 0.840, 317.166



0, 0.000, 0.000



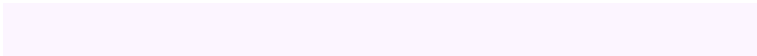
53, 0.007, 296.813

Same Dimension

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



88, 4.721, 317.395



97, 5.892, 317.422



88, 4.323, 331.865



46, 3.772, 317.458



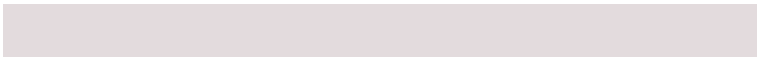
34, 89.847, 319.016



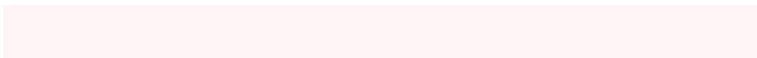
5, 35.145, 319.600

Inverse Universe

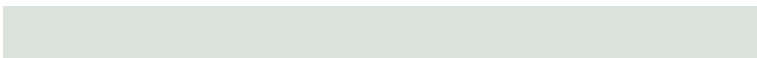
The Inverse Universe completely reimagines the original color for something new.



88, 3.079, 359.658



97, 3.846, 359.727



89, 4.302, 151.576



46, 2.465, 359.816



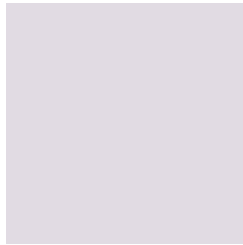
37, 68.079, 25.241



6, 25.297, 10.229

Previews

White Background



This preview shows how the CIELCh color 88, 4.723, 317.399 looks on a white background.

Color Contrast Check

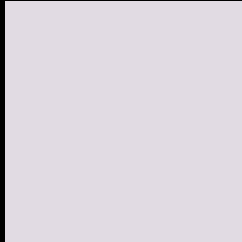
Large Text (above 18pt) WCAG AA × Fail

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 88, 4.723, 317.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

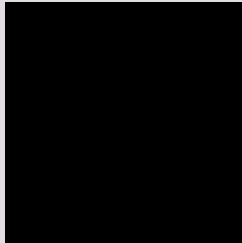
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

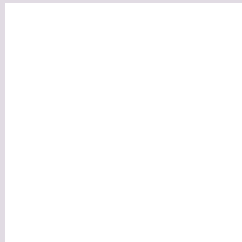
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 4.723, 317.399

Background



This preview shows how black text looks on a background with the CIELCh color 88, 4.723, 317.399.



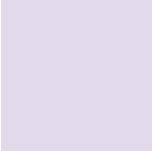
This preview shows how white text looks on a background with the CIELCh color 88, 4.723, 317.399.

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](#).

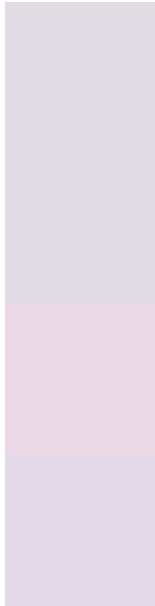
Dichromacy





Tritanopia
88, 9.359, 308.353

Trichromacy



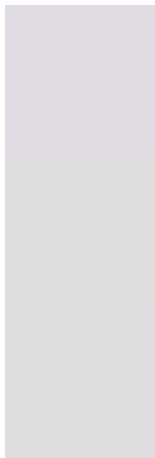
Original Color
88, 4.723, 317.399

Protanomaly
88, 4.570, 313.419

Deuteranomaly
88, 9.031, 336.165

Tritanomaly
88, 7.882, 311.758

Monochromacy



Original Color
88, 4.723, 317.399

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 1.738, 314.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 4.723, 317.399 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(225, 219, 227)` looks like.

```
.text, #text, p{  
    color:rgb(225, 219, 227)  
}
```

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(225, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 219, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 4.723, 317.399 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(225, 219, 227) }
```

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

```
.border{ border-color:rgb(225, 219, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(225, 219,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 4.723, 317.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 219, 227) }
```

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

```
.background{ background-color: rgb(225,  
219, 227) }
```

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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