

Converting Colors

CIELCh(88, 10.110, 324.791)

Have a look what the booklet for
CIELCh(88, 10.110, 324.791)
contains.

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Color

CIELCh(88, 10.160, 324.793)

Conversions

Conversions Part 1

Format	Color
Hex	E8D8E8
RGB	232, 216, 232
RGB Percent	91%, 85%, 91%
CMY	0.0903, 0.1531, 0.0903
CMYK	0.00, 0.07, 0.00, 0.09
HSL	300°, 26%, 88%
HSV	300°, 7%, 91%
XYZ	72.3721, 72.0653, 86.4107
YIQ	222.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

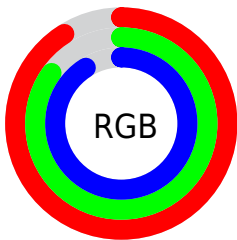
Format	Color
R _Y B	232, 216, 232
Decimal	15259880
CIE Lab	88.00, 8.30, -5.86
CIE LCh	88, 10.160, 324.793
Yxy	72.0653, 0.3135, 0.3122
Android (android.graphics.Color)	4293449960 (0xFFE8D8E8)
YUV	222.6080, 4.6303, 8.2368
Hunter-Lab	84.8913, 3.6165, -0.9273

Details

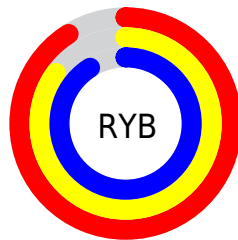
The CIELCh color **88, 10.160, 324.793** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 10.138, 144.071**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 10.038, 324.879** is the 20% darker color. If you saturate the color by 10%, you get **82, 25.005, 325.360**, and if you desaturate by 10%, it is **94, 4.517, 144.338**.

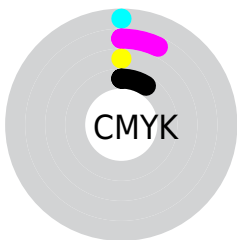
Distribution



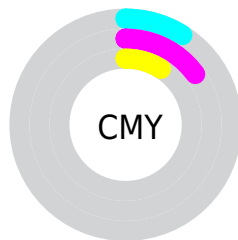
- Red (91%)
- Green (85%)
- Blue (91%)



- Red (91%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)




- Cyan (9%)
- Magenta (15%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 10.160, 324.793 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, 10.160, 324.793 by changing the saturation by 10% instead.


 88, 10.160,
324.793


 88, 10.160,
324.793


 100, 10.160,
324.793


 78, 10.160,
324.793


 68, 10.160,
324.793

 58, 10.160,
324.793

 48, 10.160,
324.793

 38, 10.160,
324.793

 28, 10.160,
324.793

 18, 10.160,

324.793

■ 8, 10.160, 324.793

■ 0, 10.160, 324.793

■ 88, 10.160,
324.793

■ 88, 10.160,
324.793

■ 82, 25.005,
325.360

■ 94, 4.517, 144.338

■ 77, 39.813,
325.907

■ 98, 14.365,
143.928

■ 72, 54.271,
326.430

■ 98, 14.365,
143.929

■ 67, 67.957,
326.912

■ 98, 14.365,
143.929

■ 63, 80.346,

■ 98, 14.364,
143.930

327.338

98, 14.364,
143.930

60, 90.859,
327.691

98, 14.364,
143.930

58, 98.969,
327.957

98, 14.364,
143.931

56, 104.345,
328.130

98, 14.364,
143.931

55, 107.038,
328.216

Harmonies

Complementary

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



88, 10.160, 324.793



90, 10.138, 144.071

Rectangle

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



88, 10.160, 324.793



88, 10.160, 14.793



88, 10.160, 144.793



88, 10.160, 194.793

Sweetspot

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



88, 10.157, 324.793



99, 3.176, 324.456



87, 8.387, 290.885



53, 1.806, 324.445



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, 10.157, 324.793



95, 12.733, 324.860



88, 7.147, 344.160



45, 8.306, 324.941



42, 88.427, 328.233



9, 37.107, 328.233

Inverse Universe

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



88, 10.157, 324.793



95, 12.733, 324.860



91, 7.074, 163.142



45, 8.306, 324.941



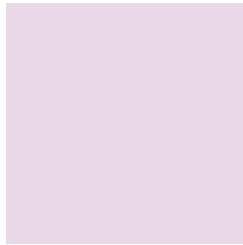
42, 88.427, 328.233



9, 37.107, 328.233

Previews

White Background



This preview shows how the CIELCh color 88, 10.160, 324.793 looks on a white background.

Color Contrast Check

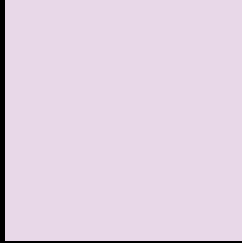
Large Text (above 18pt) WCAG AA × Fail

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, 10.160, 324.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

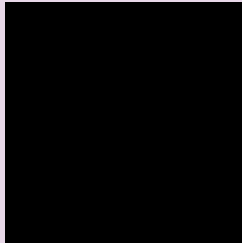
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

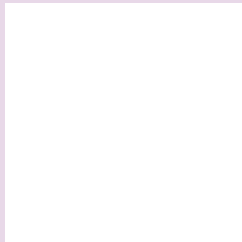
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 10.160, 324.793

Background



This preview shows how black text looks on a background with the CIELCh color 88, 10.160, 324.793.

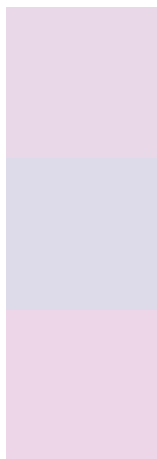


This preview shows how white text looks on a background with the CIELCh color 88, 10.160, 324.793.

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

88, 10.160, 324.793

Protanopia

88, 7.885, 295.920

Deuteranopia

88, 12.526, 331.731



Tritanopia
88, 10.593, 323.205

Trichromacy



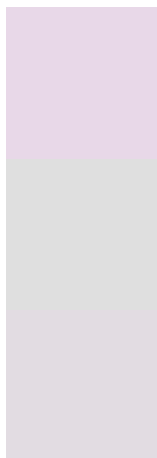
Original Color
88, 10.160, 324.793

Protanomaly
88, 8.255, 308.176

Deuteranomaly
88, 11.433, 329.324

Tritanomaly
88, 10.593, 323.205

Monochromacy



Original Color
88, 10.160, 324.793

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 3.822, 324.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 10.160, 324.793 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(232, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(232, 216, 232)  
}
```

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(232, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 216, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 10.160, 324.793 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(232, 216, 232) }
```

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

```
.border{ border-color:rgb(232, 216, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(232, 216,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 10.160, 324.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 216, 232) }
```

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

```
.background{ background-color: rgb(232,  
216, 232) }
```

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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