

Converting Colors

CIELCh(88, 2.465, 331.019)

Have a look what the booklet for
CIELCh(88, 2.465, 331.019) contains.

CIELCh(88, 2.775, 330.545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 2.775, 330.545)

Conversions

Conversions Part 1

Format	Color
Hex	E0DBDF
RGB	224, 219, 223
RGB Percent	88%, 86%, 87%
CMY	0.1204, 0.1399, 0.1243
CMYK	0.00, 0.02, 0.00, 0.12
HSL	312°, 8%, 87%
HSV	312°, 2%, 88%
XYZ	69.6095, 72.0653, 80.2719
YIQ	220.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

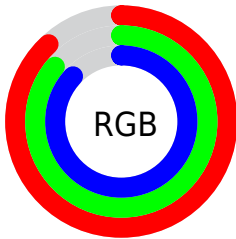
Format	Color
R _Y B	224, 219, 223
Decimal	14736351
CIE Lab	88.00, 2.42, -1.36
CIE LCh	88, 2.775, 330.545
Yxy	72.0653, 0.3136, 0.3247
Android (android.graphics.Color)	4292926431 (0xFFE0DBDF)
YUV	220.9510, 1.0102, 2.6740
Hunter-Lab	84.8913, -2.1926, 3.3601

Details

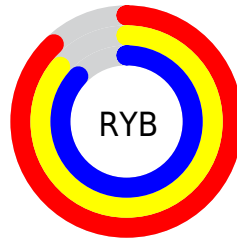
The CIELCh color `88, 2.775, 330.545` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 2.754, 150.517`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 2.925, 330.615` is the 20% darker color. If you saturate the color by 10%, you get `82, 15.303, 331.277`, and if you desaturate by 10%, it is `94, 9.529, 150.105`.

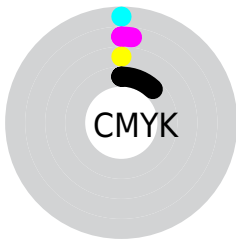
Distribution



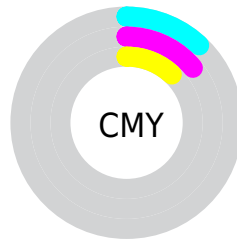
- Red (88%)
- Green (86%)
- Blue (87%)



- Red (88%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 2.775, 330.545 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, 2.775, 330.545 by changing the saturation by 10% instead.

■ 88, 2.775, 330.545

■ 88, 2.775, 330.545

100, 2.775,
330.545

■ 78, 2.775, 330.545

■ 68, 2.775, 330.545

■ 58, 2.775, 330.545

■ 48, 2.775, 330.545

■ 38, 2.775, 330.545

■ 28, 2.775, 330.545

■ 18, 2.775, 330.545

■ 8, 2.775, 330.545

■ 0, 2.775, 330.545

88, 2.775, 330.545

88, 2.775, 330.545

82, 15.303,
331.277

94, 9.529, 150.105

77, 27.924,
331.940

97, 15.942,
151.898

72, 40.421,
332.619

97, 14.298,
158.004

67, 52.474,
333.319

98, 12.844,
165.553

62, 63.651,
334.044

98, 11.652,
174.797

58, 73.417,
334.800

98, 10.810,
185.773

55, 81.200,
335.603

98, 10.407,
198.066

53, 86.511,
336.479

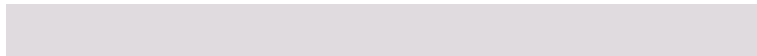
98, 10.398,
198.813

■ 52, 89.125,
337.466

Harmonies

Complementary

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



88, 2.775, 330.545



89, 2.754, 150.517

Rectangle

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



88, 2.775, 330.545



88, 2.775, 20.545



88, 2.775, 150.545



88, 2.775, 200.545

Sweetspot

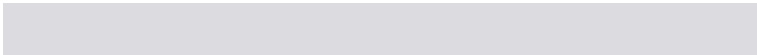
The Sweet Spot groups the original color and five complimentary colors.



88, 2.773, 330.550



99, 1.385, 330.328



88, 2.648, 298.140



53, 0.787, 330.312



0, 0.000, 0.000



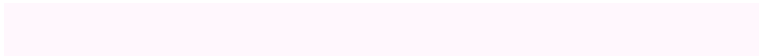
53, 0.007, 296.813

Same Dimension

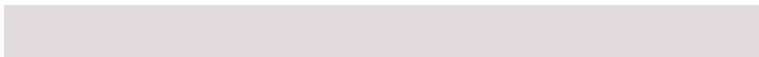
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 2.773, 330.550



98, 4.143, 330.631



88, 1.973, 355.901



46, 2.828, 330.695



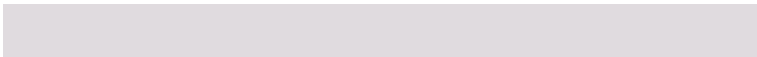
40, 74.950, 338.122



7, 31.376, 336.202

Inverse Universe

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



88, 2.773, 330.550



98, 4.143, 330.631



89, 1.951, 176.024



46, 2.828, 330.695



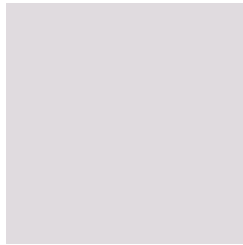
40, 74.950, 338.122



7, 31.376, 336.202

Previews

White Background



This preview shows how the CIELCh color 88, 2.775, 330.545 looks on a white background.

Color Contrast Check

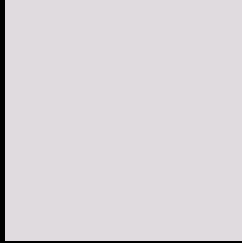
Large Text (above 18pt) WCAG AA × Fail

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, 2.775, 330.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

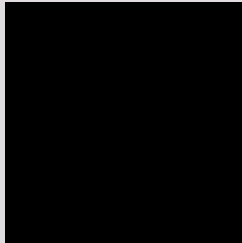
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

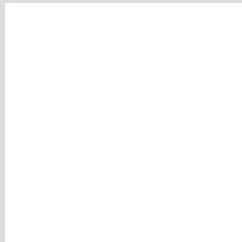
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 2.775, 330.545

Background



This preview shows how black text looks on a background with the CIELCh color 88, 2.775, 330.545.

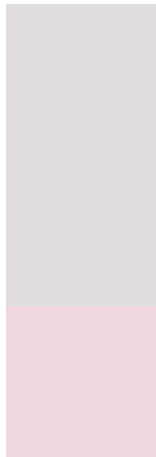


This preview shows how white text looks on a background with the CIELCh color 88, 2.775, 330.545.

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

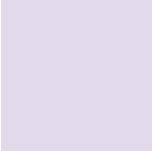
88, 2.775, 330.545

Protanopia

88, 2.143, 332.291

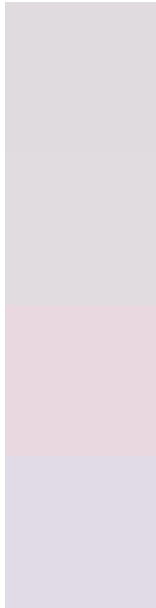
Deuteranopia

88, 10.787, 351.333



Tritanopia
88, 9.359, 308.353

Trichromacy



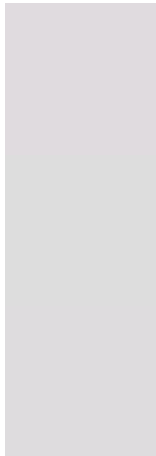
Original Color
88, 2.775, 330.545

Protanomaly
88, 2.143, 332.291

Deuteranomaly
88, 7.747, 347.369

Tritanomaly
88, 7.267, 310.622

Monochromacy



Original Color
88, 2.775, 330.545

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.282, 324.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 2.775, 330.545 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(224, 219, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 219, 223)  
}
```

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(224, 219, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 219, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 2.775, 330.545 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(224, 219, 223) }
```

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

```
.border{ border-color:rgb(224, 219, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 219, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 219, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 219, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 219,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 2.775, 330.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 219, 223) }
```

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

```
.background{ background-color: rgb(224,  
219, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor