

Converting Colors

CIELCh(88, 16.590, 322.862)

Have a look what the booklet for
CIELCh(88, 16.590, 322.862)
contains.

CIELCh(88, 16.696, 322.988)	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, 16.696, 322.988)

Conversions

Conversions Part 1

Format	Color
Hex	EED5F0
RGB	238, 213, 240
RGB Percent	93%, 84%, 94%
CMY	0.0666, 0.1646, 0.0588
CMYK	0.01, 0.11, 0.00, 0.06
HSL	296°, 47%, 89%
HSV	296°, 11%, 94%
XYZ	74.7907, 72.0653, 92.4149
YIQ	223.5530, 6.2330, 13.6970

Conversions

Conversions Part 2

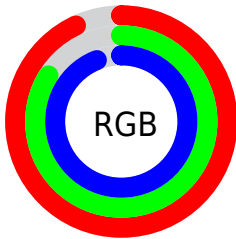
Format	Color
R_{YB}	238, 213, 240
Decimal	15652336
CIE _{Lab}	88.00, 13.33, -10.05
CIE _{LCh}	88, 16.696, 322.988
Yxy	72.0653, 0.3126, 0.3012
Android (android.graphics.Color)	4293842416 (0xFFEED5F0)
YUV	223.5530, 8.1084, 12.6700
Hunter-Lab	84.8913, 8.7020, -5.1208

Details

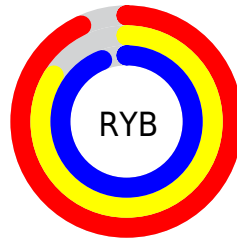
The CIELCh color `88, 16.696, 322.988` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `92, 16.646, 141.841`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 16.911, 323.043` is the 20% darker color. If you saturate the color by 10%, you get `82, 31.679, 323.499`, and if you desaturate by 10%, it is `94, 1.845, 322.352`.

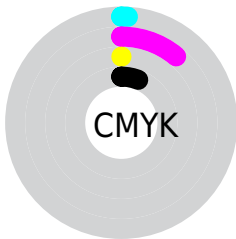
Distribution



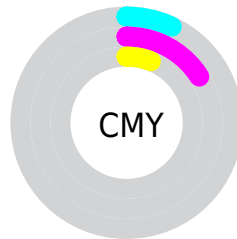
- Red (93%)
- Green (84%)
- Blue (94%)



- Red (93%)
- Yellow (84%)
- Blue (94%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)





- Cyan (7%)
- Magenta (16%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 16.696, 322.988 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, 16.696, 322.988 by changing the saturation by 10% instead.

 88, 16.696,
322.988

 88, 16.696,
322.988


 100, 16.696,
322.988


 78, 16.696,
322.988

 68, 16.696,
322.988

 58, 16.696,
322.988

 48, 16.696,
322.988

 38, 16.696,
322.988

 28, 16.696,
322.988

 18, 16.696,

322.988

■ 8, 16.696, 322.988

■ 0, 16.696, 322.988

■ 88, 16.696,
322.988

■ 88, 16.696,
322.988

■ 82, 31.679,
323.499

■ 94, 1.845, 322.352

■ 77, 46.574,
323.993

■ 99, 9.015, 141.341

■ 71, 61.048,
324.453

■ 99, 8.692, 137.903

■ 67, 74.646,
324.859

■ 99, 8.403, 134.199

■ 62, 86.802,

■ 99, 8.152, 130.234

■ 99, 7.942, 126.023

325.186

99, 7.778, 121.595

59, 96.893,
325.406

99, 7.663, 116.989

56, 104.370,
325.498

100, 7.599,
112.260

55, 108.939,
325.445

54, 110.887,
325.296

Harmonies

Complementary

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



88, 16.696, 322.988



92, 16.646, 141.841

Rectangle

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



88, 16.696, 322.988



88, 16.696, 12.988



88, 16.696, 142.988



88, 16.696, 192.988

Sweetspot

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



88, 16.693, 322.988



98, 4.653, 322.527



87, 12.985, 287.863



52, 3.528, 322.581



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, 16.693, 322.988



92, 20.287, 323.081



88, 12.749, 340.264



47, 8.414, 322.895



41, 90.696, 325.344



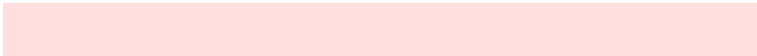
9, 39.561, 325.740

Inverse Universe

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



88, 9.985, 14.124



91, 12.198, 14.299



93, 12.622, 158.562



47, 5.008, 13.954



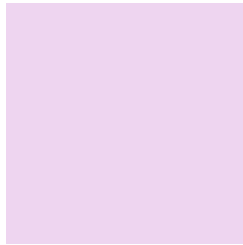
38, 78.616, 37.054



8, 29.462, 20.817

Previews

White Background



This preview shows how the CIELCh color 88, 16.696, 322.988 looks on a white background.

Color Contrast Check

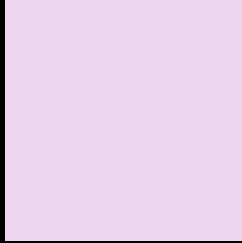
Large Text (above 18pt) WCAG AA × Fail

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 88, 16.696, 322.988 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

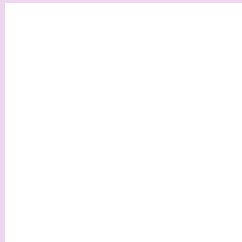
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 16.696, 322.988

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.696, 322.988.



This preview shows how white text looks on a background with the CIELCh color 88, 16.696, 322.988.

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, 16.696, 322.988

Protanopia

88, 13.065, 289.756

Deuteranopia

88, 14.734, 318.036



Tritanopia
88, 12.143, 333.362

Trichromacy



Original Color
88, 16.696, 322.988

Protanomaly
88, 13.920, 302.724

Deuteranomaly
88, 15.532, 319.510

Tritanomaly
88, 13.319, 328.765

Monochromacy



Original Color
88, 16.696, 322.988

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 6.156, 321.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 16.696, 322.988 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(238, 213, 240)` looks like.

```
.text, #text, p{  
    color:rgb(238, 213, 240)  
}
```

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(238, 213, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 213, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.696, 322.988 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(238, 213, 240) }
```

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

```
.border{ border-color:rgb(238, 213, 240) }
```

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

Here you see how a box with a 4 pixel rgb(238, 213, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 213, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 213, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 213,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.696, 322.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 213, 240) }
```

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

```
.background{ background-color: rgb(238,  
213, 240) }
```

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