

Converting Colors

CIELCh(91, 90.696, 302.489)

Have a look what the booklet for
CIELCh(91, 90.696, 302.489)
contains.

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Color

CIELCh(86, 29.924, 315.745)

Conversions

Conversions Part 1

Format	Color
Hex	EECBFF
RGB	238, 203, 255
RGB Percent	93%, 80%, 100%
CMY	0.0673, 0.2046, 0.0007
CMYK	0.07, 0.20, 0.00, 0.00
HSL	280°, 99%, 90%
HSV	280°, 20%, 100%
XYZ	74.5383, 67.9871, 103.6522
YIQ	219.3930, 4.1680, 23.5920

Conversions

Conversions Part 2

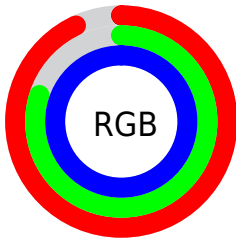
Format	Color
RYB	238, 203, 255
Decimal	15649791
CIELab	86.00, 21.43, -20.88
CIELCh	86, 29.924, 315.745
Yxy	67.9871, 0.3028, 0.2762
Android (android.graphics.Color)	4293839871 (0xFFEECBFF)
YUV	219.3930, 17.5543, 16.3183
Hunter-Lab	82.4543, 17.0683, -16.8147

Details

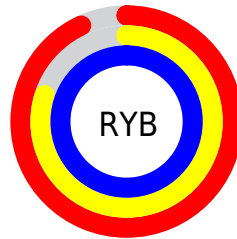
The CIELCh color $86, 29.924, 315.745$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $96, 29.413, 133.952$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 29.677, 315.936$ is the 20% darker color. If you saturate the color by 10%, you get $79, 44.927, 316.192$, and if you desaturate by 10%, it is $93, 15.100, 315.299$.

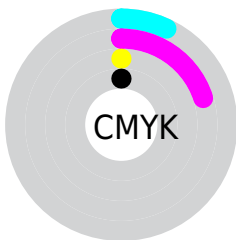
Distribution



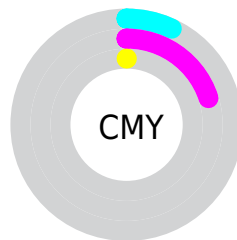
- Red (93%)
- Green (80%)
- Blue (100%)



- Red (93%)
- Yellow (80%)
- Blue (100%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 29.924, 315.745 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 86, 29.924, 315.745 by changing the saturation by 10% instead.

 86, 29.924,
315.745

 86, 29.924,
315.745


 100, 29.924,
315.745


 76, 29.924,
315.745

 66, 29.924,
315.745

 56, 29.924,
315.745

 46, 29.924,
315.745

 36, 29.924,
315.745

 26, 29.924,
315.745

 16, 29.924,

315.745

■ 6, 29.924, 315.745

■ 0, 29.924, 315.745

■ 86, 29.924,
315.745

■ 86, 29.924,
315.745

■ 79, 44.927,
316.192

■ 93, 15.100,
315.299

■ 73, 59.905,
316.623

100, 0.587,
314.539

■ 67, 74.518,
317.008

100, 0.078,
109.180

■ 61, 88.260,
317.300

■ 56, 100.441,

317.441

■ 52, 110.243,
317.358

■ 49, 116.936,
316.979

■ 47, 120.447,
316.331

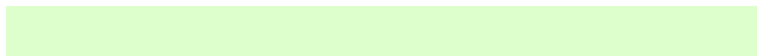
Harmonies

Complementary

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



86, 29.924, 315.745



96, 29.413, 133.952

Rectangle

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



86, 29.924, 315.745



86, 29.924, 5.745



86, 29.924, 135.745



86, 29.924, 185.745

Sweetspot

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



86, 29.922, 315.745



96, 8.674, 315.101



88, 18.836, 274.081



51, 5.757, 315.131



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 29.922, 315.745



84, 35.328, 315.906



87, 29.087, 330.645



49, 8.250, 315.259



35, 96.957, 316.503



8, 44.276, 317.735

Inverse Universe

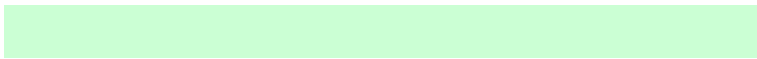
The Inverse Universe completely reimagines the original color for something new.



87, 21.012, 356.196



84, 24.871, 356.639



96, 28.998, 147.972



50, 5.745, 354.970



40, 69.835, 18.790



10, 31.365, 10.792

Previews

White Background



This preview shows how the CIELCh color 86, 29.924, 315.745 looks on a white background.

Color Contrast Check

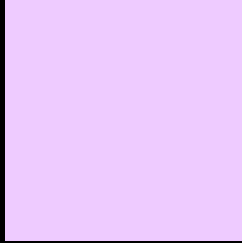
Large Text (above 18pt) WCAG AA × Fail

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 86, 29.924, 315.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

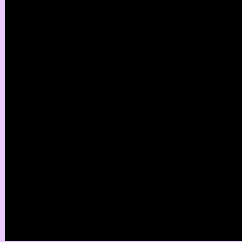
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 29.924, 315.745

Background



This preview shows how black text looks on a background with the CIELCh color 86, 29.924, 315.745.




This preview shows how white text looks on a background with the CIELCh color 86, 29.924, 315.745.

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
86, 12.705, 335.829

Trichromacy



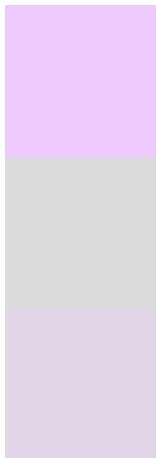
Original Color
86, 29.924, 315.745

Protanomaly
86, 23.857, 298.548

Deuteranomaly
86, 25.555, 305.901

Tritanomaly
86, 18.856, 324.208

Monochromacy



Original Color
86, 29.924, 315.745

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 11.022, 315.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 29.924, 315.745 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, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 203, 255)  
}
```

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, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 203, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 29.924, 315.745 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, 203, 255) }
```

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

```
.border{ border-color:rgb(238, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 203,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 29.924, 315.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 203, 255) }
```

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

```
.background{ background-color: rgb(238,  
203, 255) }
```

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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