Converting Colors

CIELCh(91, 87.634, 299.620)

Have a look what the booklet for CIELCh(91, 87.634, 299.620) contains.

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Color

CIELCh(86, 26.063, 305.642)

Conversions

Conversions Part 1

Format	Color
Hex	E1CFFF
RGB	225, 207, 255
RGB Percent	88%, 81%, 100%
CMY	0.1169, 0.1875, 0.0000
CMYK	0.12, 0.19, 0.00, 0.00
HSL	263°, 100%, 91%
HSV	263°, 19%, 100%
XYZ	71.5503, 67.9871, 104.1242
YIQ	217.8540, -4.6800, 18.7440

Conversions

Conversions Part 2

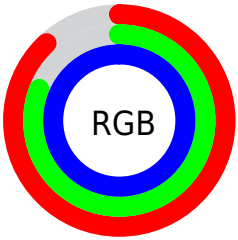
Format	Color
RYB	225, 207, 255
Decimal	14798847
CIELab	86.00, 15.19, -21.18
CIELCh	86, 26.063, 305.642
Yxy	67.9871, 0.2936, 0.2790
Android (android.graphics.Color)	4292988927 (0xFFE1CFFF)
YUV	217.8540, 18.3130, 6.2670
Hunter-Lab	82.4543, 10.5997, -17.1541

Details

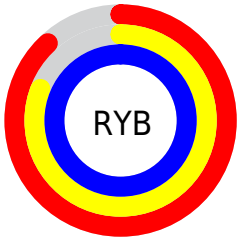
The CIELCh color 86, 26.063, 305.642 is a light color, and the websafe version is hex CCCCFF. A complement of this color would be 98, 25.125, 123.671, and the grayscale version is 87, 0.010, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 66, 25.708, 305.198 is the 20% darker color. If you saturate the color by 10%, you get 79, 40.446, 306.347, and if you desaturate by 10%, it is 93, 11.917, 305.097.

Distribution

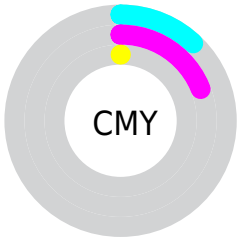


- Red (88%)
- Green (81%)
- Blue (100%)



- Red (88%)
- Yellow (81%)
- Blue (100%)

- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 26.063, 305.642 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, 26.063, 305.642 by changing the saturation by 10% instead.

86, 26.063, 305.642

100, 26.063, 305.642

86, 26.063, 305.642

76, 26.063, 305.642

66, 26.063, 305.642

56, 26.063, 305.642

46, 26.063, 305.642

36, 26.063, 305.642

26, 26.063, 305.642

16, 26.063,

305.642

6, 26.063, 305.642

0, 26.063, 305.642

86, 26.063, 305.642

79, 40.446, 306.347

71, 55.302, 307.059

64, 70.368, 307.805

57, 85.320, 308.541

51, 99.573,

86, 26.063, 305.642

93, 11.917, 305.097

100, 0.012, 296.813

309.189

45, 112.180, 309.630

41, 121.879, 309.707

38, 127.741, 309.314

37, 128.345, 309.258

Harmonies

Complementary

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

86, 26.063, 305.642

98, 25.125, 123.671

Rectangle

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

86, 26.063, 305.642

86, 26.063, 355.642

86, 26.063, 125.642

86, 26.063, 175.642

Sweetspot

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

86, 25.961, 305.691

96, 8.139, 304.943

92, 13.322, 241.984

50, 5.404, 304.980

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, 25.961, 305.691

84, 30.625, 305.897

88, 28.856, 321.647

49, 7.754, 305.140

27, 103.156, 309.436

5, 44.871, 309.586

Inverse Universe

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

88, 23.084, 338.984

86, 27.133, 339.261

96, 28.685, 139.766

50, 6.951, 338.226

42, 71.139, 350.980

11, 33.541, 347.315

Previews

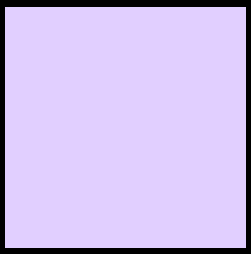
White Background

This preview shows how the CIELCh color 86, 26.063, 305.642 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



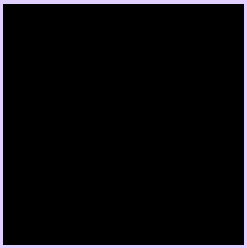
This preview shows how the CIELCh color 86, 26.063, 305.642 looks on a black background.

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, 26.063, 305.642 Background



This preview shows how black text looks on a background with the CIELCh color 86, 26.063, 305.642.

This preview shows how white text looks on a background with the CIELCh color 86, 26.063, 305.642.

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
86, 26.063, 305.642

Protanopia
86, 22.122, 286.045

Deuteranopia
86, 23.298, 297.845

Tritanopia
86, 9.521, 310.397

Trichromacy

Original Color
86, 26.063, 305.642

Protanomaly
86, 23.152, 293.739

Deuteranomaly
86, 24.018, 300.945

Tritanomaly
86, 15.460, 308.360

Monochromacy

Original Color
86, 26.063, 305.642

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 9.288, 306.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 26.063, 305.642 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, 207, 255) looks like.

```
.text, #text, p{
    color:rgb(225, 207, 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(225, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 207, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 26.063, 305.642 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, 207, 255) }
```

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

```
.border{ border-color:rgb(225, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(225, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 207, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 207, 255); box-shadow:4px 4px 4px 4px rgb(225, 207, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 26.063, 305.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(225, 207, 255) }
```

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

```
.background{ background-color:rgb(225,
207, 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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