

Converting Colors

CIELCh(88, 9.968, 294.992)

Have a look what the booklet for
CIELCh(88, 9.968, 294.992) contains.

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Color

CIELCh(88, 9.968, 294.992)

Conversions

Conversions Part 1

Format	Color
Hex	DDDBEE
RGB	221, 219, 238
RGB Percent	87%, 86%, 93%
CMY	0.1341, 0.1419, 0.0674
CMYK	0.07, 0.08, 0.00, 0.07
HSL	246°, 36%, 90%
HSV	246°, 8%, 93%
XYZ	70.4446, 72.0653, 90.9353
YIQ	221.7640, -4.9070, 6.3330

Conversions

Conversions Part 2

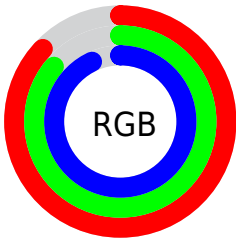
Format	Color
R _Y B	221, 219, 238
Decimal	14539758
CIE Lab	88.00, 4.21, -9.03
CIE LCh	88, 9.968, 294.992
Yxy	72.0653, 0.3018, 0.3087
Android (android.graphics.Color)	4292729838 (0xFFDDDBEE)
YUV	221.7640, 8.0043, -0.6700
Hunter-Lab	84.8913, -0.4367, -4.0874

Details

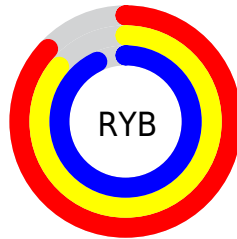
The CIELCh color `88, 9.968, 294.992` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 9.778, 113.662`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 9.966, 295.370` is the 20% darker color. If you saturate the color by 10%, you get `80, 22.888, 295.960`, and if you desaturate by 10%, it is `96, 2.449, 114.138`.

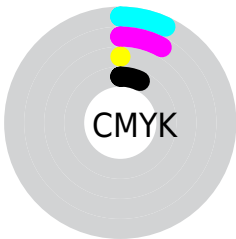
Distribution



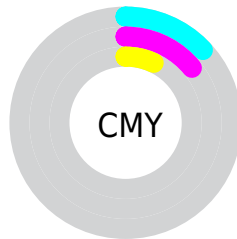
- Red (87%)
- Green (86%)
- Blue (93%)



- Red (87%)
- Yellow (86%)
- Blue (93%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 9.968, 294.992 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, 9.968, 294.992 by changing the saturation by 10% instead.

■ 88, 9.968, 294.992

■ 88, 9.968, 294.992

■ 100, 9.968,
294.992

■ 78, 9.968, 294.992

■ 68, 9.968, 294.992

■ 58, 9.968, 294.992

■ 48, 9.968, 294.992

■ 38, 9.968, 294.992

■ 28, 9.968, 294.992

■ 18, 9.968, 294.992

■ 8, 9.968, 294.992

■ 0, 9.968, 294.992

88, 9.968, 294.992

88, 9.968, 294.992

80, 22.888,
295.960

96, 2.449, 114.138

73, 36.349,
297.097

100, 8.704,
109.517

65, 50.360,
298.410

58, 64.881,
299.899

51, 79.744,
301.533

44, 94.492,
303.222

38, 108.135,
304.784

33, 118.995,
305.949

■ 31,125.372,
306.489

Harmonies

Complementary

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



88, 9.968, 294.992



93, 9.778, 113.662

Rectangle

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



88, 9.968, 294.992



88, 9.968, 344.992



88, 9.968, 114.992



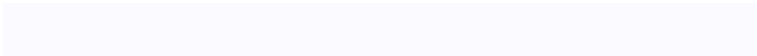
88, 9.968, 164.992

Sweetspot

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



88, 9.966, 294.986



98, 2.618, 294.480



92, 5.993, 208.567



52, 1.489, 294.473



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, 9.966, 294.986



92, 13.255, 295.173



89, 10.740, 312.803



46, 7.156, 295.122



22, 103.957, 306.642



3, 38.084, 301.199

Inverse Universe

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



89, 11.177, 327.863



94, 14.826, 327.989



93, 10.636, 132.163



47, 8.010, 327.955



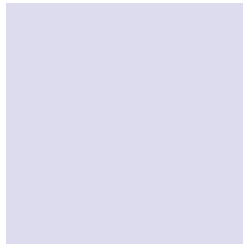
43, 83.156, 332.911



10, 36.718, 332.195

Previews

White Background



This preview shows how the CIELCh color 88, 9.968, 294.992 looks on a white background.

Color Contrast Check

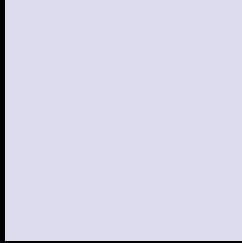
Large Text (above 18pt) WCAG AA × Fail

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, 9.968, 294.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

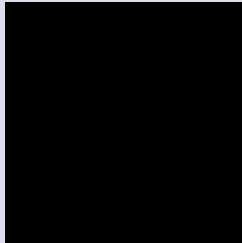
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

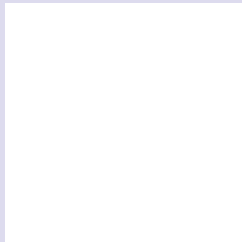
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 9.968, 294.992

Background



This preview shows how black text looks on a background with the CIELCh color 88, 9.968, 294.992.

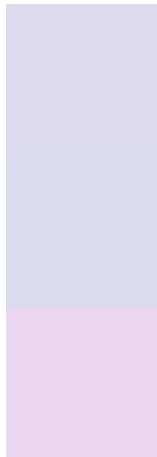


This preview shows how white text looks on a background with the CIELCh color 88, 9.968, 294.992.

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

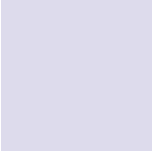
88, 9.968, 294.992

Protanopia

88, 9.933, 291.002

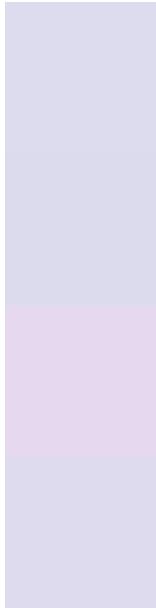
Deuteranopia

88, 14.909, 319.260



Tritanopia
88, 8.926, 295.392

Trichromacy



Original Color
88, 9.968, 294.992

Protanomaly
88, 9.945, 292.999

Deuteranomaly
88, 12.916, 311.714

Tritanomaly
88, 9.447, 295.179

Monochromacy



Original Color
88, 9.968, 294.992

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 3.682, 296.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 9.968, 294.992 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(221, 219, 238)` looks like.

```
.text, #text, p{  
    color:rgb(221, 219, 238)  
}
```

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(221, 219, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 219, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 9.968, 294.992 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(221, 219, 238) }
```

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

```
.border{ border-color:rgb(221, 219, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 219, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 219, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 219, 238);  
box-shadow:4px 4px 4px 4px rgb(221, 219,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 9.968, 294.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 219, 238) }
```

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

```
.background{ background-color: rgb(221,  
219, 238) }
```

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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