

Converting Colors

CIELCh(88, 9.228, 110.759)

Have a look what the booklet for
CIELCh(88, 9.228, 110.759) contains.

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Color

CIELCh(88, 9.365, 111.651)

Conversions

Conversions Part 1

Format	Color
Hex	DDDECC
RGB	221, 222, 204
RGB Percent	87%, 87%, 80%
CMY	0.1328, 0.1289, 0.1995
CMYK	0.00, 0.00, 0.08, 0.13
HSL	63°, 22%, 84%
HSV	63°, 8%, 87%
XYZ	66.9242, 72.0653, 67.5855
YIQ	219.6490, 5.1820, -5.8100

Conversions

Conversions Part 2

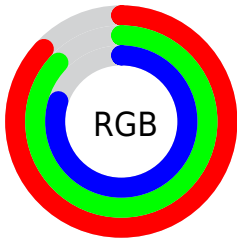
Format	Color
RYB	204, 222, 205
Decimal	14540492
CIELab	88.00, -3.46, 8.70
CIELCh	88, 9.365, 111.651
Yxy	72.0653, 0.3240, 0.3489
Android (android.graphics.Color)	4292730572 (0xFFDDDECC)
YUV	219.6490, -7.7150, 1.1848
Hunter-Lab	84.8913, -7.8389, 12.2206

Details

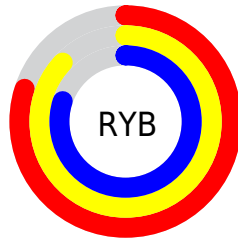
The CIELCh color **88, 9.365, 111.651** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 9.551, 293.127**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 9.325, 111.620** is the 20% darker color. If you saturate the color by 10%, you get **87, 20.873, 110.777**, and if you desaturate by 10%, it is **89, 2.204, 292.558**.

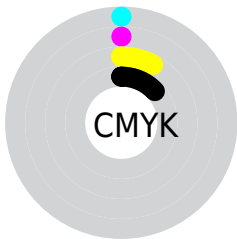
Distribution



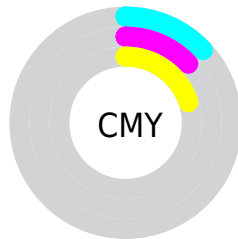
- Red (87%)
- Green (87%)
- Blue (80%)



- Red (80%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 9.365, 111.651 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, 9.365, 111.651 by changing the saturation by 10% instead.

■ 88, 9.365, 111.651

■ 88, 9.365, 111.651

■ 100, 9.365,
111.651

■ 78, 9.365, 111.651

■ 68, 9.365, 111.651

■ 58, 9.365, 111.651

■ 48, 9.365, 111.651

■ 38, 9.365, 111.651

■ 28, 9.365, 111.651

■ 18, 9.365, 111.651

■ 8, 9.365, 111.651

■ 0, 9.365, 111.651

88, 9.365, 111.651

88, 9.365, 111.651

87, 20.873,
110.777

89, 2.204, 292.558

87, 32.235,
109.892

89, 13.787,
293.386

86, 43.333,
109.026

90, 17.165,
294.615

86, 53.980,
108.205

90, 17.198,
296.008

86, 63.891,
107.467

90, 17.241,
297.398

86, 72.656,
106.857

90, 17.293,
298.784

85, 79.747,
106.430

90, 17.355,
300.165

85, 84.638,
106.241

90, 17.427,
301.539

■ 85, 87.169,
106.306

■ 90, 17.508,
302.904

Harmonies

Complementary

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



88, 9.365, 111.651



83, 9.551, 293.127

Rectangle

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



88, 9.365, 111.651



88, 9.365, 161.651



88, 9.365, 291.651



88, 9.365, 341.651

Sweetspot

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



88, 9.367, 111.660



100, 2.578, 112.178



84, 6.341, 24.062



53, 1.466, 112.186



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, 9.367, 111.660



99, 12.921, 111.487



87, 10.086, 130.464



47, 6.615, 111.542



69, 73.540, 106.278



19, 27.955, 107.018

Inverse Universe

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



83, 9.551, 293.127



92, 13.227, 293.323



83, 10.198, 311.129



43, 6.763, 293.260



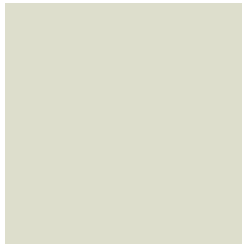
21, 101.016, 306.462



2, 31.716, 297.183

Previews

White Background



This preview shows how the CIELCh color 88, 9.365, 111.651 looks on a white background.

Color Contrast Check

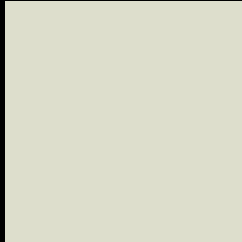
Large Text (above 18pt) WCAG AA × Fail

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, 9.365, 111.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

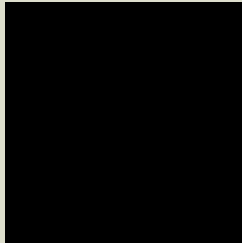
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

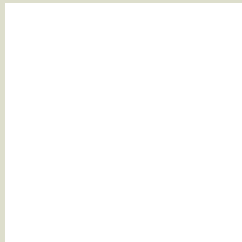
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 9.365, 111.651

Background



This preview shows how black text looks on a background with the CIELCh color 88, 9.365, 111.651.

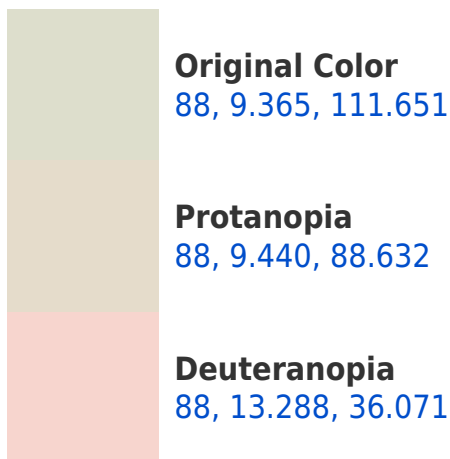


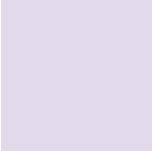
This preview shows how white text looks on a background with the CIELCh color 88, 9.365, 111.651.

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
88, 9.359, 308.353

Trichromacy



Original Color
88, 9.365, 111.651

Protanomaly
88, 9.527, 98.147

Deuteranomaly
88, 10.022, 54.556

Tritanomaly
88, 2.553, 324.430

Monochromacy



Original Color
88, 9.365, 111.651

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 3.660, 115.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 9.365, 111.651 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, 222, 204)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 204)  
}
```

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, 222, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 9.365, 111.651 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, 222, 204) }
```

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

```
.border{ border-color:rgb(221, 222, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 222, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 204);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 9.365, 111.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 204) }
```

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

```
.background{ background-color: rgb(221,  
222, 204) }
```

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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