

Converting Colors

CIELCh(83, 11.209, 353.191)

Have a look what the booklet for
CIELCh(83, 11.209, 353.191)
contains.

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Color

CIELCh(83, 11.022, 354.789)

Conversions

Conversions Part 1

Format	Color
Hex	E3C8D1
RGB	227, 200, 209
RGB Percent	89%, 78%, 82%
CMY	0.1103, 0.2161, 0.1809
CMYK	0.00, 0.12, 0.08, 0.11
HSL	340°, 32%, 84%
HSV	340°, 12%, 89%
XYZ	63.7617, 62.1629, 68.8828
YIQ	209.0990, 13.2030, 8.5230

Conversions

Conversions Part 2

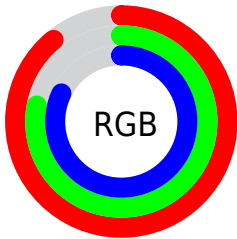
Format	Color
R _Y B	227, 200, 209
Decimal	14928081
CIE Lab	83.00, 10.98, -1.00
CIE LCh	83, 11.022, 354.789
Yxy	62.1629, 0.3273, 0.3191
Android (android.graphics.Color)	4293118161 (0xFFE3C8D1)
YUV	209.0990, -0.0488, 15.6992
Hunter-Lab	78.8435, 6.3790, 3.3909

Details

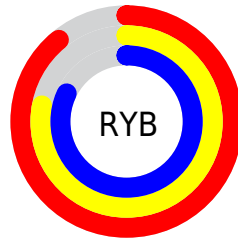
The CIELCh color **83, 11.022, 354.789** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 10.690, 172.640**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 10.960, 353.285** is the 20% darker color. If you saturate the color by 10%, you get **77, 20.630, 355.931**, and if you desaturate by 10%, it is **89, 1.728, 353.575**.

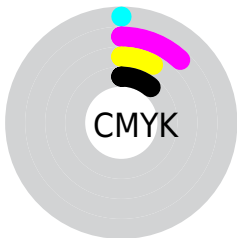
Distribution



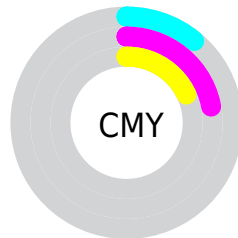
- Red (89%)
- Green (78%)
- Blue (82%)



- Red (89%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (11%)





- Cyan (11%)
- Magenta (22%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 11.022, 354.789 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 83, 11.022, 354.789 by changing the saturation by 10% instead.


 83, 11.022,
354.789


 83, 11.022,
354.789


 100, 11.022,
354.789


 73, 11.022,
354.789

 63, 11.022,
354.789

 53, 11.022,
354.789

 43, 11.022,
354.789

 33, 11.022,
354.789

 23, 11.022,
354.789

 13, 11.022,

354.789

■ 3, 11.022, 354.789

■ 0, 11.022, 354.789

■ 83, 11.022,
354.789

■ 83, 11.022,
354.789

■ 77, 20.630,
355.931

■ 89, 1.728, 353.575

■ 71, 30.445,
357.240

■ 95, 7.190, 173.085

■ 66, 40.261,
358.795

■ 98, 9.581, 196.619

■ 61, 49.770, 0.688

■ 98, 9.553, 198.871

■ 57, 58.557, 3.042

■ 53, 66.156, 6.020

■ 51, 72.194, 9.800

■ 49, 76.598, 14.516

■ 48, 79.406, 18.877

Harmonies

Complementary

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



83, 11.022, 354.789



88, 10.690, 172.640

Rectangle

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



83, 11.022, 354.789



83, 11.022, 44.789



83, 11.022, 174.789



83, 11.022, 224.789

Sweetspot

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



83, 11.020, 354.795



97, 4.014, 353.928



83, 15.719, 315.156



51, 2.857, 354.021



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 11.020, 354.795



91, 14.312, 355.033



84, 8.738, 35.594



44, 5.189, 354.532



37, 65.373, 17.833



6, 25.433, 5.845

Inverse Universe

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



83, 11.020, 354.795



91, 14.312, 355.033



87, 8.089, 215.928



44, 5.189, 354.532



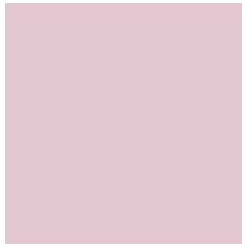
37, 65.373, 17.833



6, 25.433, 5.845

Previews

White Background



This preview shows how the CIELCh color 83, 11.022, 354.789 looks on a white background.

Color Contrast Check

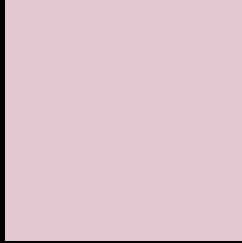
Large Text (above 18pt) WCAG AA × Fail

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 83, 11.022, 354.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

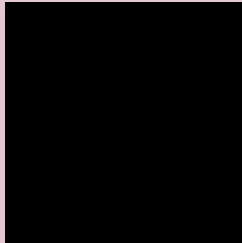
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 11.022, 354.789

Background



This preview shows how black text looks on a background with the CIELCh color 83, 11.022, 354.789.

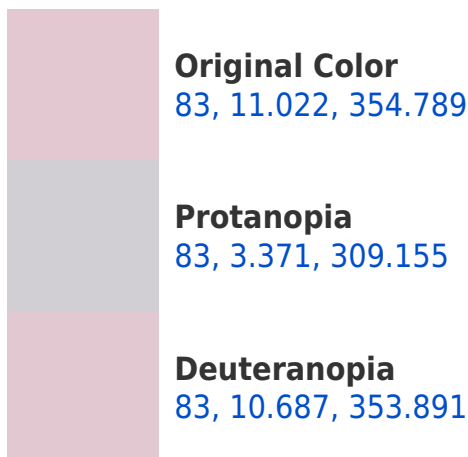



This preview shows how white text looks on a background with the CIELCh color 83, 11.022, 354.789.

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
83, 13.550, 341.964

Trichromacy



Original Color
83, 11.022, 354.789

Protanomaly
83, 5.749, 339.772

Deuteranomaly
83, 10.687, 353.891

Tritanomaly
83, 12.942, 345.658

Monochromacy



Original Color
83, 11.022, 354.789

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 3.992, 356.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 11.022, 354.789 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(227, 200, 209)` looks like.

```
.text, #text, p{  
    color:rgb(227, 200, 209)  
}
```

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(227, 200, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 200, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 11.022, 354.789 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(227, 200, 209) }
```

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

```
.border{ border-color:rgb(227, 200, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 200, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 200, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 200, 209);  
box-shadow:4px 4px 4px 4px rgb(227, 200,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 11.022, 354.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 200, 209) }
```

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

```
.background{ background-color: rgb(227,  
200, 209) }
```

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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