

Converting Colors

CIELCh(83, 21.966, 327.154)

Have a look what the booklet for
CIELCh(83, 21.966, 327.154)
contains.

CIELCh(83, 21.691, 327.652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(83, 21.691, 327.652)

Conversions

Conversions Part 1

Format	Color
Hex	E8C4E5
RGB	232, 196, 229
RGB Percent	91%, 77%, 90%
CMY	0.0910, 0.2321, 0.1027
CMYK	0.00, 0.16, 0.01, 0.09
HSL	305°, 44%, 84%
HSV	305°, 16%, 91%
XYZ	67.0273, 62.1629, 82.4516
YIQ	210.5260, 10.8630, 17.8950

Conversions

Conversions Part 2

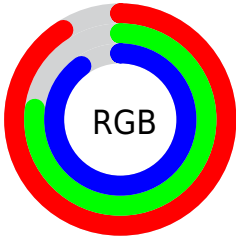
Format	Color
R _Y B	232, 196, 229
Decimal	15254757
CIE Lab	83.00, 18.32, -11.61
CIE LCh	83, 21.691, 327.652
Yxy	62.1629, 0.3167, 0.2937
Android (android.graphics.Color)	4293444837 (0xFFE8C4E5)
YUV	210.5260, 9.1077, 18.8327
Hunter-Lab	78.8435, 13.7724, -6.8128

Details

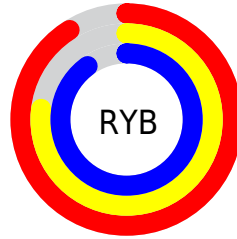
The CIELCh color $83, 21.691, 327.652$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $89, 21.655, 145.790$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.250, 324.238$, and $63, 21.960, 327.125$ is the 20% darker color. If you saturate the color by 10%, you get $78, 35.706, 328.240$, and if you desaturate by 10%, it is $89, 7.678, 327.048$.

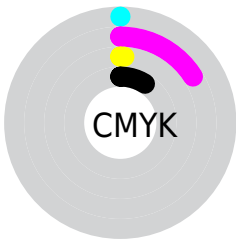
Distribution



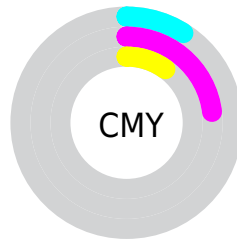
- Red (91%)
- Green (77%)
- Blue (90%)



- Red (91%)
- Yellow (77%)
- Blue (90%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 21.691, 327.652 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, 21.691, 327.652 by changing the saturation by 10% instead.


 83, 21.691,
327.652


 83, 21.691,
327.652


 100, 21.691,
327.652


 73, 21.691,
327.652

 63, 21.691,
327.652

 53, 21.691,
327.652

 43, 21.691,
327.652

 33, 21.691,
327.652

 23, 21.691,
327.652

 13, 21.691,

327.652

■ 3, 21.691, 327.652

■ 0, 21.691, 327.652

■ 83, 21.691,
327.652

■ 83, 21.691,
327.652

■ 78, 35.706,
328.240

■ 89, 7.678, 327.048

■ 72, 49.451,
328.821

■ 95, 6.140, 146.574

■ 68, 62.534,
329.385

■ 98, 13.305,
147.362

■ 63, 74.455,
329.923

■ 98, 12.534,
150.093

■ 60, 84.636,

■ 98, 11.793,
153.165

330.427

98, 11.088,
156.630

57, 92.517,
330.893

98, 10.427,
160.541

55, 97.699,
331.324

98, 9.818, 164.950

54, 100.124,
331.732

98, 9.273, 169.901

54, 100.625,
331.911

Harmonies

Complementary

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



83, 21.691, 327.652



89, 21.655, 145.790

Rectangle

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



83, 21.691, 327.652



83, 21.691, 17.652



83, 21.691, 147.652



83, 21.691, 197.652

Sweetspot

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



83, 21.688, 327.652



97, 7.503, 327.016



80, 19.223, 294.303



51, 5.121, 327.062



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, 21.688, 327.652



88, 28.706, 327.863



83, 15.576, 348.809



45, 7.846, 327.291



42, 82.845, 331.844



8, 35.116, 331.244

Inverse Universe

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



83, 21.688, 327.652



88, 28.706, 327.863



89, 15.168, 166.032



45, 7.846, 327.291



42, 82.845, 331.844



8, 35.116, 331.244

Previews

White Background



This preview shows how the CIELCh color 83, 21.691, 327.652 looks on a white background.

Color Contrast Check

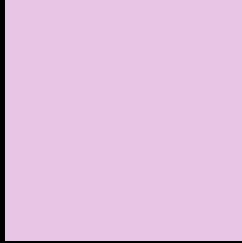
Large Text (above 18pt) WCAG AA × Fail

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, 21.691, 327.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

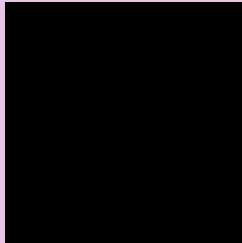
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 21.691, 327.652

Background



This preview shows how black text looks on a background with the CIELCh color 83, 21.691, 327.652.



This preview shows how white text looks on a background with the CIELCh color 83, 21.691, 327.652.

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

83, 21.691, 327.652

Protanopia

83, 15.885, 287.861

Deuteranopia

83, 15.435, 312.729



Tritanopia
83, 14.438, 344.815

Trichromacy



Original Color
83, 21.691, 327.652

Protanomaly
83, 16.914, 304.584

Deuteranomaly
83, 17.449, 319.154

Tritanomaly
83, 16.958, 337.570

Monochromacy



Original Color
83, 21.691, 327.652

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 7.920, 326.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 21.691, 327.652 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(232, 196, 229)` looks like.

```
.text, #text, p{  
    color:rgb(232, 196, 229)  
}
```

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(232, 196, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 196, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 21.691, 327.652 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(232, 196, 229) }
```

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

```
.border{ border-color:rgb(232, 196, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 196, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 196, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 196, 229);  
box-shadow:4px 4px 4px 4px rgb(232, 196,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 21.691, 327.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 196, 229) }
```

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

```
.background{ background-color: rgb(232,  
196, 229) }
```

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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