

Converting Colors

CIELCh(82, 20.329, 325.209)

Have a look what the booklet for
CIELCh(82, 20.329, 325.209)
contains.

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Color

CIELCh(82, 20.497, 325.206)

Conversions

Conversions Part 1

Format	Color
Hex	E2C2E2
RGB	226, 194, 226
RGB Percent	89%, 76%, 89%
CMY	0.1134, 0.2389, 0.1134
CMYK	0.00, 0.14, 0.00, 0.11
HSL	300°, 36%, 82%
HSV	300°, 14%, 89%
XYZ	64.4395, 60.2982, 80.2543
YIQ	207.2160, 8.8000, 16.7360

Conversions

Conversions Part 2

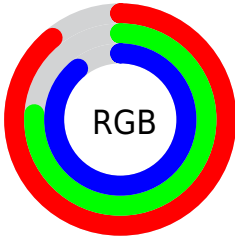
Format	Color
R_{YB}	226, 194, 226
Decimal	14861026
CIE _{Lab}	82.00, 16.83, -11.70
CIE _{LCh}	82, 20.497, 325.206
Yxy	60.2982, 0.3144, 0.2941
Android (android.graphics.Color)	4293051106 (0xFFE2C2E2)
YUV	207.2160, 9.2605, 16.4736
Hunter-Lab	77.6519, 12.2375, -6.9207

Details

The CIELCh color $82, 20.497, 325.206$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87, 20.473, 143.585$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.492, 324.405$, and $62, 20.744, 324.509$ is the 20% darker color. If you saturate the color by 10%, you get $77, 35.034, 325.757$, and if you desaturate by 10%, it is $88, 5.982, 324.623$.

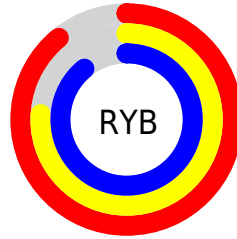
Distribution



Red (89%)

Green (76%)

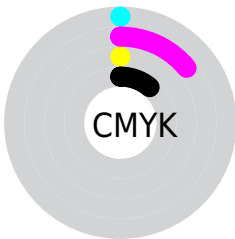
Blue (89%)



Red (89%)

Yellow (76%)

Blue (89%)

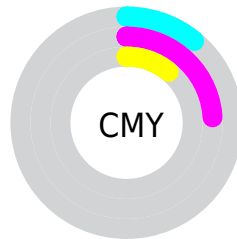


Cyan (0%)

Magenta (14%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (24%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 20.497, 325.206 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 82, 20.497, 325.206 by changing the saturation by 10% instead.


 82, 20.497,
325.206


 82, 20.497,
325.206


 100, 20.497,
325.206


 72, 20.497,
325.206

 62, 20.497,
325.206

 52, 20.497,
325.206

 42, 20.497,
325.206

 32, 20.497,
325.206

 22, 20.497,
325.206

 12, 20.497,

325.206

■ 2, 20.497, 325.206

■ 0, 20.497, 325.206

■ 82, 20.497,
325.206

■ 82, 20.497,
325.206

■ 77, 35.034,
325.757

■ 88, 5.982, 324.623

■ 72, 49.326,
326.287

■ 93, 8.318, 144.161

■ 67, 62.990,
326.781

■ 97, 18.058,
143.773

■ 63, 75.537,
327.225

■ 97, 18.058,
143.774

■ 59, 86.412,

■ 97, 18.057,
143.774

327.599

97, 18.057,
143.774

57, 95.068,
327.890

97, 18.057,
143.774

55, 101.114,
328.090

97, 18.057,
143.775

54, 104.466,
328.199

97, 18.057,
143.775

54, 105.518,
328.233

Harmonies

Complementary

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



82, 20.497, 325.206



87, 20.473, 143.585

Rectangle

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



82, 20.497, 325.206



82, 20.497, 15.206



82, 20.497, 145.206



82, 20.497, 195.206

Sweetspot

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



82, 20.494, 325.206



97, 6.352, 324.614



79, 17.097, 291.705



52, 4.516, 324.664



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 20.494, 325.206



90, 27.169, 325.371



82, 14.487, 344.836



44, 8.154, 324.940



42, 87.489, 328.233



8, 35.925, 328.229

Inverse Universe

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



82, 20.494, 325.206



90, 27.169, 325.371



87, 14.228, 162.466



44, 8.154, 324.940



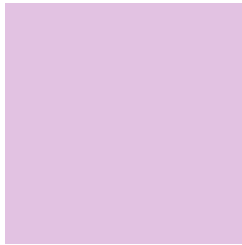
42, 87.489, 328.233



8, 35.925, 328.229

Previews

White Background



This preview shows how the CIELCh color 82, 20.497, 325.206 looks on a white background.

Color Contrast Check

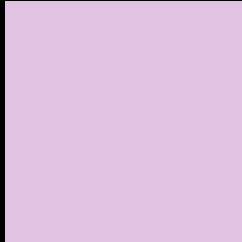
Large Text (above 18pt) WCAG AA × Fail

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 82, 20.497, 325.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

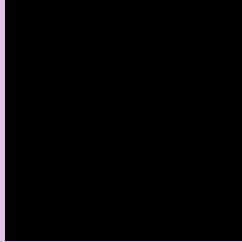
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 20.497, 325.206

Background



This preview shows how black text looks on a background with the CIELCh color 82, 20.497, 325.206.




This preview shows how white text looks on a background with the CIELCh color 82, 20.497, 325.206.

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
82, 13.302, 340.952

Trichromacy



Original Color
82, 20.497, 325.206

Protanomaly
82, 15.759, 302.945

Deuteranomaly
82, 16.691, 317.816

Tritanomaly
82, 15.968, 333.842

Monochromacy



Original Color
82, 20.497, 325.206

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 7.730, 324.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 20.497, 325.206 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(226, 194, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 194, 226)  
}
```

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(226, 194, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 194, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 20.497, 325.206 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(226, 194, 226) }
```

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

```
.border{ border-color:rgb(226, 194, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 194, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 194, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 194, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 194,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 20.497, 325.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 194, 226) }
```

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

```
.background{ background-color: rgb(226,  
194, 226) }
```

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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