

Converting Colors

CIELCh(81, 25.481, 323.815)

Have a look what the booklet for
CIELCh(81, 25.481, 323.815)
contains.

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Color

CIELCh(81, 25.652, 323.349)

Conversions

Conversions Part 1

Format	Color
Hex	E3BDE6
RGB	227, 189, 230
RGB Percent	89%, 74%, 90%
CMY	0.1096, 0.2586, 0.0978
CMYK	0.01, 0.18, 0.00, 0.10
HSL	296°, 45%, 82%
HSV	296°, 18%, 90%
XYZ	64.1923, 58.4711, 82.8027
YIQ	205.0360, 9.4870, 20.8070

Conversions

Conversions Part 2

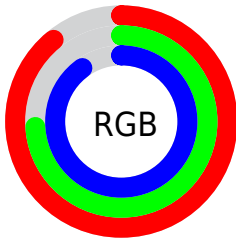
Format	Color
R _Y B	227, 189, 230
Decimal	14925286
CIE Lab	81.00, 20.58, -15.31
CIE LCh	81, 25.652, 323.349
Yxy	58.4711, 0.3124, 0.2846
Android (android.graphics.Color)	4293115366 (0xFFE3BDE6)
YUV	205.0360, 12.3073, 19.2624
Hunter-Lab	76.4664, 16.0317, -10.6765

Details

The CIELCh color $81, 25.652, 323.349$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $88, 25.564, 141.450$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 6.227, 324.609$, and $61, 25.713, 323.452$ is the 20% darker color. If you saturate the color by 10%, you get $75, 40.105, 323.849$, and if you desaturate by 10%, it is $87, 11.193, 322.831$.

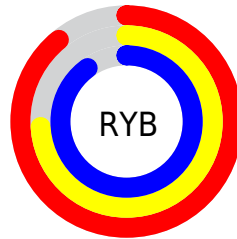
Distribution



Red (89%)

Green (74%)

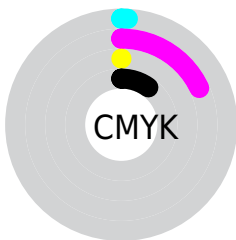
Blue (90%)



Red (89%)

Yellow (74%)

Blue (90%)

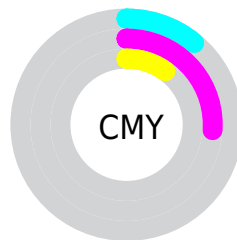


Cyan (1%)

Magenta (18%)

Yellow (0%)

Black (10%)



Cyan (11%)


Magenta (26%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 25.652, 323.349 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 81, 25.652, 323.349 by changing the saturation by 10% instead.


 81, 25.652,
323.349


 81, 25.652,
323.349


 100, 25.652,
323.349


 71, 25.652,
323.349

 61, 25.652,
323.349

 51, 25.652,
323.349

 41, 25.652,
323.349

 31, 25.652,
323.349

 21, 25.652,
323.349

 11, 25.652,

323.349

■ 1, 25.652, 323.349

■ 0, 25.652, 323.349

■ 81, 25.652,
323.349

■ 81, 25.652,
323.349

■ 75, 40.105,
323.849

■ 87, 11.193,
322.831

■ 70, 54.278,
324.322

■ 93, 3.077, 142.443

■ 66, 67.773,
324.750

■ 98, 15.155,
141.708

■ 61, 80.078,
325.107

■ 98, 14.834,
139.830

■ 58, 90.607,

■ 98, 14.530,
137.862

325.369

98, 14.243,
135.805

55, 98.786,
325.510

98, 13.975,
133.657

53, 104.223,
325.513

98, 13.728,
131.421

52, 106.957,
325.376

98, 13.502,
129.097

52, 107.385,
325.338

Harmonies

Complementary

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



81, 25.652, 323.349



88, 25.564, 141.450

Rectangle

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



81, 25.652, 323.349



81, 25.652, 13.349



81, 25.652, 143.349



81, 25.652, 193.349

Sweetspot

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



81, 25.649, 323.349



97, 7.764, 322.678



79, 20.117, 288.702



51, 5.299, 322.718



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 25.649, 323.349



87, 32.892, 323.516



81, 19.625, 340.825



45, 8.121, 322.918



40, 88.812, 325.384



8, 37.216, 325.810

Inverse Universe

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



80, 15.634, 14.853



86, 20.253, 15.215



88, 19.336, 157.976



45, 4.831, 14.021



37, 76.948, 37.010



6, 26.884, 18.734

Previews

White Background



This preview shows how the CIELCh color 81, 25.652, 323.349 looks on a white background.

Color Contrast Check

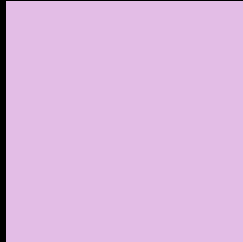
Large Text (above 18pt) WCAG AA × Fail

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 81, 25.652, 323.349 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 81, 25.652, 323.349

Background



This preview shows how black text looks on a background with the CIELCh color 81, 25.652, 323.349.



This preview shows how white text looks on a background with the CIELCh color 81, 25.652, 323.349.

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
81, 13.908, 345.701

Trichromacy



Original Color
81, 25.652, 323.349

Protanomaly
81, 20.580, 301.496

Deuteranomaly
81, 20.745, 313.517

Tritanomaly
81, 17.503, 334.177

Monochromacy



Original Color
81, 25.652, 323.349

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.472, 322.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 25.652, 323.349 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, 189, 230)` looks like.

```
.text, #text, p{  
    color:rgb(227, 189, 230)  
}
```

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, 189, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 189, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 25.652, 323.349 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, 189, 230) }
```

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

```
.border{ border-color:rgb(227, 189, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 189, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 189, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 189, 230);  
box-shadow:4px 4px 4px 4px rgb(227, 189,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 25.652, 323.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 189, 230) }
```

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

```
.background{ background-color: rgb(227,  
189, 230) }
```

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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