

Converting Colors

CIELCh(64, 85.951, 326.043)

Have a look what the booklet for
CIELCh(64, 85.951, 326.043)
contains.

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Color

CIELCh(64, 86.183, 326.169)

Conversions

Conversions Part 1

Format	Color
Hex	EC61F2
RGB	236, 97, 242
RGB Percent	93%, 38%, 95%
CMY	0.0744, 0.6195, 0.0509
CMYK	0.02, 0.60, 0.00, 0.05
HSL	298°, 85%, 66%
HSV	298°, 60%, 95%
XYZ	54.9058, 32.8017, 87.4580
YIQ	155.0910, 36.2990, 74.5630

Conversions

Conversions Part 2

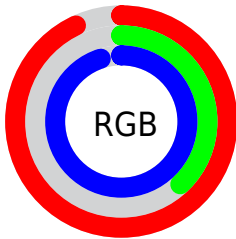
Format	Color
R _{YB}	236, 97, 242
Decimal	15491570
CIE _{Lab}	64.00, 71.59, -47.98
CIE _{LCh}	64, 86.183, 326.169
Yxy	32.8017, 0.3135, 0.1873
Android (android.graphics.Color)	4293681650 (0xFFEC61F2)
YUV	155.0910, 42.8461, 70.9572
Hunter-Lab	57.2727, 70.8956, -50.4475

Details

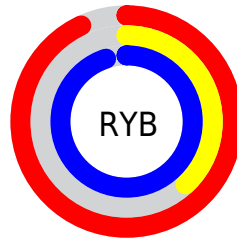
The CIELCh color $64, 86.183, 326.169$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $86, 86.722, 138.473$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 62.108, 326.555$, and $44, 86.157, 326.257$ is the 20% darker color. If you saturate the color by 10%, you get $61, 96.501, 326.442$, and if you desaturate by 10%, it is $68, 73.802, 325.804$.

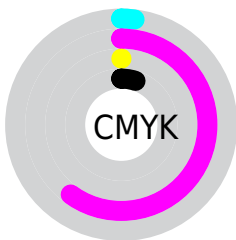
Distribution



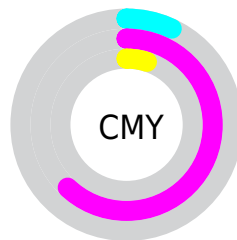
- Red (93%)
- Green (38%)
- Blue (95%)



- Red (93%)
- Yellow (38%)
- Blue (95%)



- Cyan (2%)
- Magenta (60%)
- Yellow (0%)
- Black (5%)





- Cyan (7%)
- Magenta (62%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 86.183, 326.169 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 64, 86.183, 326.169 by changing the saturation by 10% instead.

 64, 86.183,
326.169

 64, 86.183,
326.169


 100, 86.183,
326.169


 54, 86.183,
326.169


 84, 86.183,
326.169

 44, 86.183,
326.169

 94, 86.183,
326.169

 34, 86.183,
326.169

 24, 86.183,
326.169

 14, 86.183,
326.169

 4, 86.183, 326.169

 0, 86.183, 326.169

64, 86.183,
326.169

64, 86.183,
326.169

61, 96.501,
326.442

68, 73.802,
325.804

58, 104.220,
326.605

73, 59.979,
325.368

56, 109.042,
326.646

78, 45.278,
324.883

56, 111.303,
326.581

84, 30.154,
324.367

56, 111.320,
326.580

90, 14.943,
323.834

96, 0.125, 145.632

99, 7.866, 142.107

99, 7.678, 139.934

Harmonies

Complementary

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



64, 86.183, 326.169



86, 86.722, 138.473

Rectangle

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



64, 86.183, 326.169



64, 86.183, 16.169



64, 86.183, 146.169



64, 86.183, 196.169

Sweetspot

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



64, 86.180, 326.169



89, 28.426, 324.269



51, 79.592, 297.973



46, 19.767, 324.423



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 86.180, 326.169



63, 102.490, 326.490



62, 65.003, 347.570



47, 8.499, 323.810



42, 90.484, 326.608



10, 39.486, 326.832

Inverse Universe

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



60, 61.834, 24.724



58, 78.454, 28.701



86, 62.780, 154.362



47, 4.994, 16.591



38, 79.905, 38.340



8, 29.618, 22.146

Previews

White Background



This preview shows how the CIELCh color 64, 86.183, 326.169 looks on a white background.

Color Contrast Check

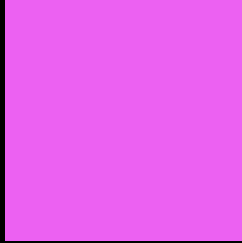
Large Text (above 18pt) WCAG AA × Fail

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 64, 86.183, 326.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

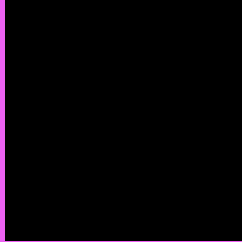
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 86.183, 326.169

Background



This preview shows how black text looks on a background with the CIELCh color 64, 86.183, 326.169.



This preview shows how white text looks on a background with the CIELCh color 64, 86.183, 326.169.

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
64, 86.183, 326.169

Protanopia
64, 57.594, 286.011

Deuteranopia
64, 44.016, 282.056



Tritanopia
64, 39.669, 16.868

Trichromacy



Original Color
64, 86.183, 326.169



Protanomaly
62, 66.498, 303.044



Deuteranomaly
62, 58.489, 304.476



Tritanomaly
63, 51.481, 347.302

Monochromacy



Original Color
64, 86.183, 326.169



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 34.675, 324.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 86.183, 326.169 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(236, 97, 242)` looks like.

```
.text, #text, p{  
    color:rgb(236, 97, 242)  
}
```

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(236, 97, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 97, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 86.183, 326.169 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(236, 97, 242) }
```

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

```
.border{ border-color:rgb(236, 97, 242) }
```

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

Here you see how a box with a 4 pixel rgb(236, 97, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 97, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 97, 242);  
box-shadow:4px 4px 4px 4px rgb(236, 97,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 86.183, 326.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 97, 242) }
```

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

```
.background{ background-color: rgb(236, 97,  
242) }
```

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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