

Converting Colors

CIELCh(64, 87.021, 327.289)

Have a look what the booklet for
CIELCh(64, 87.021, 327.289)
contains.

CIELCh(64, 87.004, 327.277)	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(64, 87.004, 327.277)

Conversions

Conversions Part 1

Format	Color
Hex	EF5EF0
RGB	239, 94, 240
RGB Percent	94%, 37%, 94%
CMY	0.0612, 0.6299, 0.0574
CMYK	0.00, 0.61, 0.00, 0.06
HSL	300°, 83%, 66%
HSV	300°, 61%, 94%
XYZ	55.5432, 32.8017, 86.1248
YIQ	153.9990, 39.5540, 76.1460

Conversions

Conversions Part 2

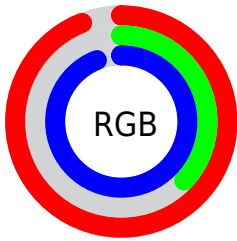
Format	Color
R _{YB}	239, 94, 240
Decimal	15687408
CIE Lab	64.00, 73.20, -47.03
CIE LCh	64, 87.004, 327.277
Yxy	32.8017, 0.3184, 0.1880
Android (android.graphics.Color)	4293877488 (0xFFEF5EF0)
YUV	153.9990, 42.3985, 74.5459
Hunter-Lab	57.2727, 72.8821, -49.0673

Details

The CIELCh color **64, 87.004, 327.277** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **85, 87.945, 138.979**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 63.873, 326.613**, and **44, 86.917, 327.440** is the 20% darker color. If you saturate the color by 10%, you get **61, 96.926, 327.588**, and if you desaturate by 10%, it is **68, 74.924, 326.885**.

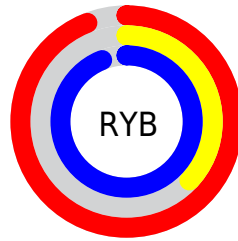
Distribution



Red (94%)

Green (37%)

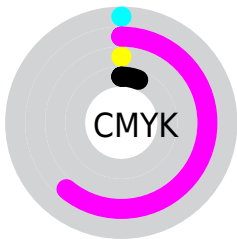
Blue (94%)



Red (94%)

Yellow (37%)

Blue (94%)

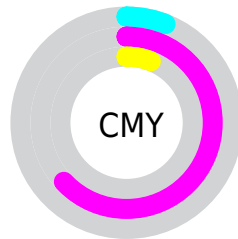


Cyan (0%)

Magenta (61%)

Yellow (0%)

Black (6%)



Cyan (6%)

Magenta (63%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 87.004, 327.277 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, 87.004, 327.277 by changing the saturation by 10% instead.

 64, 87.004,
327.277

 64, 87.004,
327.277

 100, 87.004,
327.277

 54, 87.004,
327.277

 84, 87.004,
327.277

 44, 87.004,
327.277

 94, 87.004,
327.277

 34, 87.004,
327.277

 24, 87.004,
327.277

 14, 87.004,
327.277

 4, 87.004, 327.277

 0, 87.004, 327.277

64, 87.004,
327.277

64, 87.004,
327.277

61, 96.926,
327.588

68, 74.924,
326.885

59, 104.206,
327.804

72, 61.290,
326.427

57, 108.622,
327.924

77, 46.672,
325.922

57, 110.539,
327.962

83, 31.547,
325.387

89, 16.277,
324.832

94, 1.115, 324.040

99, 9.072, 143.878

99, 9.039, 143.588

Harmonies

Complementary

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



64, 87.004, 327.277



85, 87.945, 138.979

Rectangle

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



64, 87.004, 327.277



64, 87.004, 17.277



64, 87.004, 147.277



64, 87.004, 197.277

Sweetspot

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



64, 87.001, 327.277



89, 28.717, 325.240



49, 83.372, 299.329



46, 19.965, 325.400



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, 87.001, 327.277



64, 103.538, 327.651



61, 64.271, 349.812



47, 8.590, 324.761



43, 90.321, 327.967



10, 39.427, 328.004

Inverse Universe

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



59, 63.334, 27.367



58, 81.092, 31.327



86, 61.326, 155.847



47, 4.992, 19.394



38, 81.392, 39.719



8, 29.799, 23.538

Previews

White Background



This preview shows how the CIELCh color 64, 87.004, 327.277 looks on a white background.

Color Contrast Check

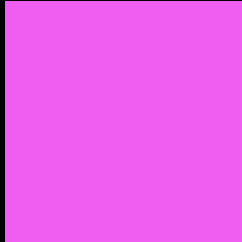
Large Text (above 18pt) WCAG AA × Fail

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, 87.004, 327.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

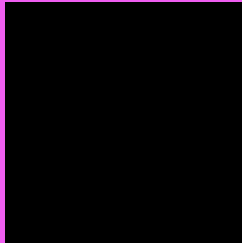
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 87.004, 327.277

Background



This preview shows how black text looks on a background with the CIELCh color 64, 87.004, 327.277.

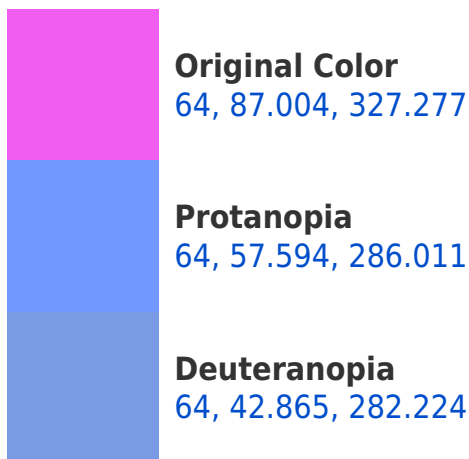


This preview shows how white text looks on a background with the CIELCh color 64, 87.004, 327.277.

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
64, 42.224, 17.660

Trichromacy



Original Color
64, 87.004, 327.277



Protanomaly
62, 67.131, 303.522



Deuteranomaly
62, 58.147, 305.759



Tritanomaly
64, 53.144, 349.195

Monochromacy



Original Color
64, 87.004, 327.277



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 35.271, 325.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 87.004, 327.277 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(239, 94, 240)` looks like.

```
.text, #text, p{  
    color:rgb(239, 94, 240)  
}
```

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(239, 94, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 94, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 87.004, 327.277 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(239, 94, 240) }
```

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

```
.border{ border-color:rgb(239, 94, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 94, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 94, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 94, 240);  
box-shadow:4px 4px 4px 4px rgb(239, 94,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 87.004, 327.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 94, 240) }
```

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

```
.background{ background-color: rgb(239, 94,  
240) }
```

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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