

Converting Colors

CIELCh(96, 6.841, 336.716)

Have a look what the booklet for
CIELCh(96, 6.841, 336.716) contains.

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Color

CIELCh(96, 6.787, 337.027)

Conversions

Conversions Part 1

Format	Color
Hex	FEF0F9
RGB	254, 240, 249
RGB Percent	100%, 94%, 98%
CMY	0.0050, 0.0598, 0.0246
CMYK	0.00, 0.06, 0.02, 0.00
HSL	321°, 85%, 97%
HSV	321°, 6%, 100%
XYZ	88.9149, 90.0078, 102.0919
YIQ	245.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

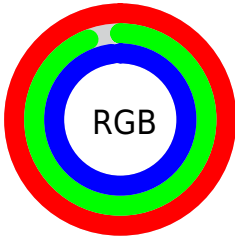
Format	Color
R_{YB}	254, 240, 249
Decimal	16707833
CIE _{Lab}	96.00, 6.25, -2.65
CIE _{LCh}	96, 6.787, 337.027
Yxy	90.0078, 0.3164, 0.3203
Android (android.graphics.Color)	4294897913 (0xFFFEF0F9)
YUV	245.2120, 1.8675, 7.7071
Hunter-Lab	94.8724, 1.2643, 2.6089

Details

The CIELCh color **96, 6.787, 337.027** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 6.746, 156.357**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.855, 334.998** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.243, 337.832**, and if you desaturate by 10%, it is **100, 0.440, 200.885**.

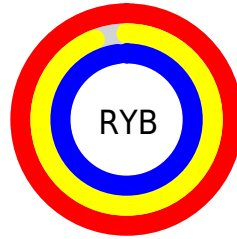
Distribution



Red (100%)

Green (94%)

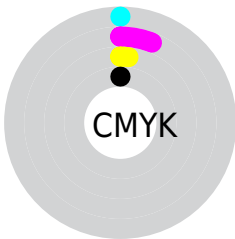
Blue (98%)



Red (100%)

Yellow (94%)

Blue (98%)

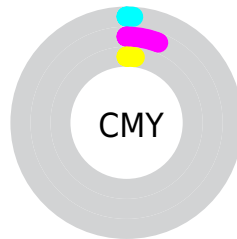


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (0%)



Cyan (1%)

Magenta (6%)

Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.787, 337.027 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 96, 6.787, 337.027 by changing the saturation by 10% instead.

 96, 6.787, 337.027

 96, 6.787, 337.027

 100, 6.787,
337.027

 86, 6.787, 337.027

 76, 6.787, 337.027

 66, 6.787, 337.027

 56, 6.787, 337.027

 46, 6.787, 337.027

 36, 6.787, 337.027

 26, 6.787, 337.027

 16, 6.787, 337.027

 6, 6.787, 337.027

96, 6.787, 337.027

96, 6.787, 337.027

90, 19.243,
337.832

100, 0.440,
200.885

84, 31.788,
338.663

78, 44.174,
339.563

72, 56.035,
340.556

67, 66.870,
341.674

63, 76.071,
342.966

60, 83.007,
344.505

58, 87.204,
346.383

■ 56, 88.577,
348.712

Harmonies

Complementary

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



96, 6.787, 337.027



98, 6.746, 156.357

Rectangle

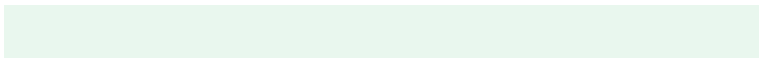
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



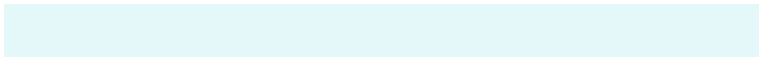
96, 6.787, 337.027



96, 6.787, 27.027



96, 6.787, 157.027



96, 6.787, 207.027

Sweetspot

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



96, 6.784, 337.032



99, 2.466, 336.667



95, 7.414, 303.953



53, 1.402, 336.650



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

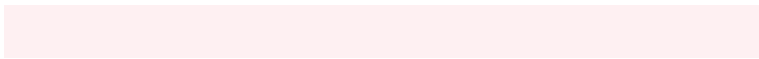
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 6.784, 337.032



95, 8.657, 337.154



96, 5.104, 7.500



50, 5.628, 337.203



42, 71.851, 349.388



11, 33.884, 346.009

Inverse Universe

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



96, 6.784, 337.032



95, 8.657, 337.154



99, 4.974, 186.796



50, 5.628, 337.203



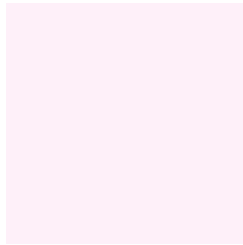
42, 71.851, 349.388



11, 33.884, 346.009

Previews

White Background



This preview shows how the CIE LCh color 96, 6.787, 337.027 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 96, 6.787, 337.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

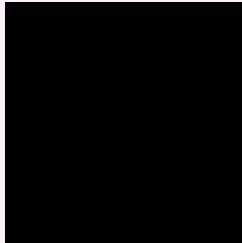
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 6.787, 337.027

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.787, 337.027.

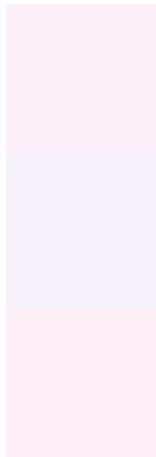


This preview shows how white text looks on a background with the CIELCh color 96, 6.787, 337.027.

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

96, 6.787, 337.027

Protanopia

96, 4.358, 309.177

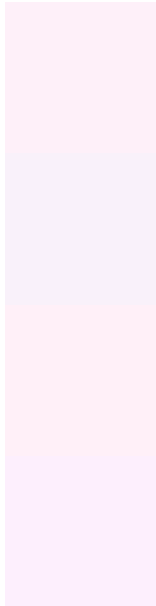
Deuteranopia

96, 6.429, 345.912



Tritanopia
96, 9.600, 321.275

Trichromacy



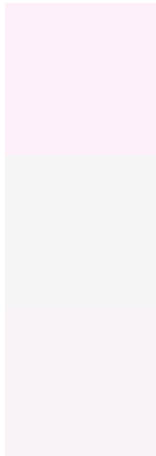
Original Color
96, 6.787, 337.027

Protanomaly
96, 5.433, 321.524

Deuteranomaly
96, 6.727, 342.302

Tritanomaly
96, 8.738, 324.712

Monochromacy



Original Color
96, 6.787, 337.027

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 2.357, 338.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.787, 337.027 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(254, 240, 249)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 249)  
}
```

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(254, 240, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.787, 337.027 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(254, 240, 249) }
```

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

```
.border{ border-color:rgb(254, 240, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 240, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 249);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.787, 337.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 249) }
```

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

```
.background{ background-color: rgb(254,  
240, 249) }
```

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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