

Converting Colors

CIE LCh(96, 9.105, 326.633)

Have a look what the booklet for
CIELCh(96, 9.105, 326.633) contains.

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Color

CIELCh(96, 8.941, 326.585)

Conversions

Conversions Part 1

Format	Color
Hex	FEEFFD
RGB	254, 239, 253
RGB Percent	100%, 94%, 99%
CMY	0.0034, 0.0622, 0.0073
CMYK	0.00, 0.06, 0.00, 0.00
HSL	304°, 90%, 97%
HSV	304°, 6%, 100%
XYZ	89.5790, 90.0078, 105.6927
YIQ	245.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

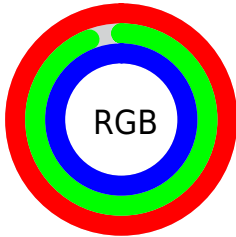
Format	Color
R_{YB}	254, 239, 253
Decimal	16707581
CIE _{Lab}	96.00, 7.46, -4.92
CIE _{LCh}	96, 8.941, 326.585
Yxy	90.0078, 0.3140, 0.3155
Android (android.graphics.Color)	4294897661 (0xFFFEFFD)
YUV	245.0810, 3.9041, 7.8220
Hunter-Lab	94.8724, 2.5137, 0.3586

Details

The CIELCh color $96, 8.941, 326.585$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $98, 8.916, 145.974$, 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 $76, 8.731, 326.792$ is the 20% darker color. If you saturate the color by 10%, you get $90, 24.212, 327.183$, and if you desaturate by 10%, it is $100, 0.310, 185.543$.

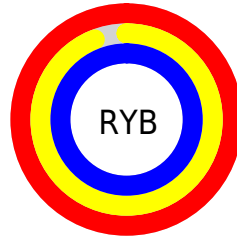
Distribution



Red (100%)

Green (94%)

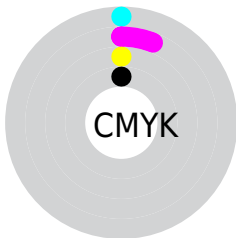
Blue (99%)



Red (100%)

Yellow (94%)

Blue (99%)

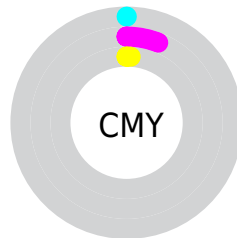


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.941, 326.585 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, 8.941, 326.585 by changing the saturation by 10% instead.

 96, 8.941, 326.585

 96, 8.941, 326.585

 100, 8.941,
326.585

 86, 8.941, 326.585

 76, 8.941, 326.585

 66, 8.941, 326.585

 56, 8.941, 326.585

 46, 8.941, 326.585

 36, 8.941, 326.585

 26, 8.941, 326.585

 16, 8.941, 326.585

 6, 8.941, 326.585

96, 8.941, 326.585

96, 8.941, 326.585

90, 24.212,
327.183

100, 0.310,
185.543

84, 39.478,
327.765

100, 0.300,
201.597

78, 54.424,
328.335

73, 68.617,
328.884

69, 81.502,
329.399

65, 92.449,
329.871

62, 100.858,
330.294

60, 106.323,
330.668

■ 59,108.825,
331.005

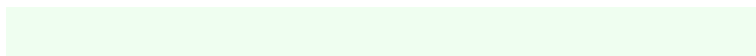
Harmonies

Complementary

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



96, 8.941, 326.585



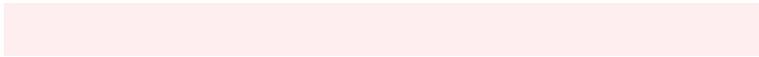
98, 8.916, 145.974

Rectangle

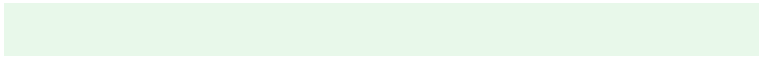
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 8.941, 326.585



96, 8.941, 16.585



96, 8.941, 146.585



96, 8.941, 196.585

Sweetspot

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



96, 8.938, 326.586



99, 3.034, 326.292



95, 7.727, 293.336



53, 1.725, 326.281



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, 8.938, 326.586



96, 10.639, 326.654



96, 6.294, 347.845



51, 6.915, 326.691



45, 88.327, 331.085



12, 40.892, 330.719

Inverse Universe

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



96, 8.938, 326.586



96, 10.639, 326.654



98, 6.220, 166.975



51, 6.915, 326.691



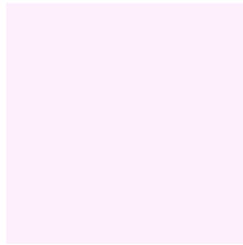
45, 88.327, 331.085



12, 40.892, 330.719

Previews

White Background



This preview shows how the CIELCh color 96, 8.941, 326.585 looks on a white background.

Color Contrast Check

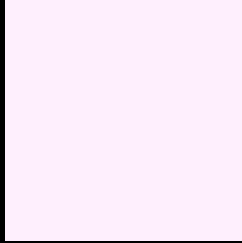
Large Text (above 18pt) WCAG AA × Fail

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, 8.941, 326.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

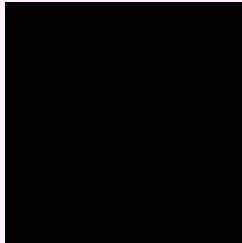
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 8.941, 326.585

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.941, 326.585.



This preview shows how white text looks on a background with the CIELCh color 96, 8.941, 326.585.

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, 8.941, 326.585

Protanopia

96, 6.768, 299.507

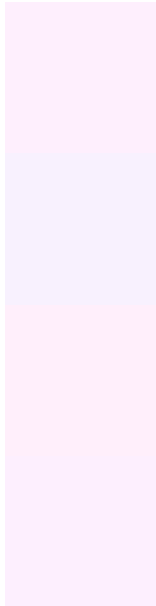
Deuteranopia

96, 8.008, 335.179



Tritanopia
96, 9.600, 321.275

Trichromacy



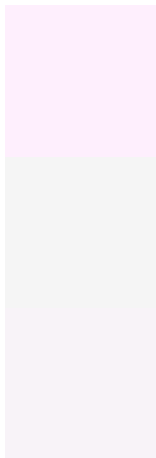
Original Color
96, 8.941, 326.585

Protanomaly
96, 7.134, 310.599

Deuteranomaly
96, 8.376, 332.702

Tritanomaly
96, 9.165, 322.911

Monochromacy



Original Color
96, 8.941, 326.585

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 3.130, 324.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.941, 326.585 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, 239, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 253)  
}
```

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, 239, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.941, 326.585 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, 239, 253) }
```

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

```
.border{ border-color:rgb(254, 239, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 239, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.941, 326.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 239, 253) }
```

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

```
.background{ background-color: rgb(254,  
239, 253) }
```

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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