

Converting Colors

CIELCh(100, 8.509, 120.651)

Have a look what the booklet for
CIELCh(100, 8.509, 120.651)
contains.

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Color

CIELCh(100, 7.131, 115.366)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFF2
RGB	254, 255, 242
RGB Percent	100%, 100%, 95%
CMY	0.0023, 0.0000, 0.0494
CMYK	0.00, 0.00, 0.05, 0.00
HSL	63°, 100%, 98%
HSV	63°, 5%, 100%
XYZ	93.3155, 100.0000, 98.6946
YIQ	253.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

Format	Color
R _Y B	242, 255, 243
Decimal	16711666
CIE Lab	100.00, -3.05, 6.44
CIE LCh	100, 7.131, 115.366
Yxy	100.0000, 0.3196, 0.3425
Android (android.graphics.Color)	4294901746 (0xFFFEFF2)
YUV	253.2190, -5.5310, 0.6849
Hunter-Lab	100.0000, -8.4319, 11.4840

Details

The CIELCh color 100, 7.131, 115.366 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 6.478, 292.503, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 80, 6.386, 112.950 is the 20% darker color. If you saturate the color by 10%, you get 99, 19.283, 110.694, and if you desaturate by 10%, it is 100, 0.012, 296.813.

Distribution



- Red (100%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (95%)



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




- Cyan (0%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 100, 7.131, 115.366 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 100, 7.131, 115.366 by changing the saturation by 10% instead.

 100, 7.131,
115.366

 100, 7.131,
115.366

 90, 7.131, 115.366

 99, 19.283,
110.694

 80, 7.131, 115.366


 98, 32.047,
109.787


 70, 7.131, 115.366


 60, 7.131, 115.366


 98, 44.560,
108.894


 50, 7.131, 115.366

 97, 56.635,
108.038


 40, 7.131, 115.366

 30, 7.131, 115.366

 97, 67.983,
107.253

 20, 7.131, 115.366

 97, 78.179,
106.582

 10, 7.131, 115.366

 97, 86.654,

106.077

■ 96, 92.786,
105.794

■ 96, 96.182,
105.766

■ 100, 7.131,
115.366

100, 0.012,
296.813

Harmonies

Complementary

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



100, 7.131, 115.366



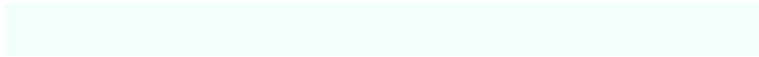
96, 6.478, 292.503

Rectangle

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



100, 7.131, 115.366



100, 7.131, 165.366

100, 7.131, 295.366



100, 7.131, 345.366

Sweetspot

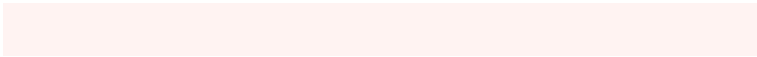
The Sweet Spot groups the original color and five complimentary colors.



100, 6.388, 111.590



100, 1.283, 111.907



97, 4.341, 22.373



53, 0.729, 111.910



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



100, 6.388, 111.590



100, 7.752, 111.497



99, 6.843, 130.035



53, 5.142, 111.439



74, 78.194, 105.778



26, 35.551, 105.610

Inverse Universe

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



96, 6.478, 292.503



95, 7.875, 292.604



96, 6.905, 310.415



50, 5.229, 292.667



23, 107.545, 306.421



3, 44.242, 302.710

Previews

White Background



This preview shows how the CIE LCh color 100, 7.131, 115.366 looks on a white background.

Color Contrast Check

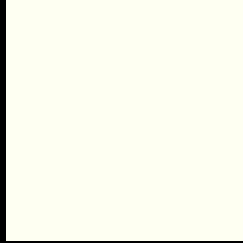
Large Text (above 18pt) WCAG AA × Fail

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 100, 7.131, 115.366 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 100, 7.131, 115.366

Background



This preview shows how black text looks on a background with the CIELCh color 100, 7.131, 115.366.



This preview shows how white text looks on a background with the CIELCh color 100, 7.131, 115.366.

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
100, 6.594, 112.766

Protanopia
100, 1.059, 90.707

Deuteranopia
100, 0.351, 17.546

Tritanopia

100, 0.519, 290.364

Trichromacy



Original Color

100, 6.594, 112.766

Protanomaly

100, 2.547, 102.010

Deuteranomaly

100, 2.045, 100.090

Tritanomaly

100, 2.019, 109.989

Monochromacy



Original Color

100, 6.594, 112.766

Achromatopsia

99, 0.012, 296.813

Achromatomaly

100, 2.526, 109.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 100, 7.131, 115.366 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, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 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(254, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 100, 7.131, 115.366 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, 255, 242) }
```

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

```
.border{ border-color:rgb(254, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 100, 7.131, 115.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 242) }
```

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

```
.background{ background-color: rgb(254,  
255, 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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