

Converting Colors

CIELCh(100, 2.935, 170.240)

Have a look what the booklet for
CIELCh(100, 2.935, 170.240)
contains.

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Color

CIELCh(100, 2.150, 185.912)

Conversions

Conversions Part 1

Format	Color
Hex	FAFFFF
RGB	250, 255, 255
RGB Percent	98%, 100%, 100%
CMY	0.0183, 0.0000, 0.0000
CMYK	0.02, 0.00, 0.00, 0.00
HSL	180°, 100%, 99%
HSV	180°, 2%, 100%
XYZ	93.8326, 100.0000, 109.2451
YIQ	253.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

Format	Color
R _Y B	250, 253, 255
Decimal	16449535
CIE Lab	100.00, -2.14, -0.22
CIE LCh	100, 2.150, 185.912
Yxy	100.0000, 0.3096, 0.3299
Android (android.graphics.Color)	4294639615 (0xFFFAFFFF)
YUV	253.5050, 0.7370, -3.0739
Hunter-Lab	100.0000, -7.5088, 5.2286

Details

The CIELCh color 100, 2.150, 185.912 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 1.642, 19.114, and the grayscale version is 100, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 80, 1.456, 199.670 is the 20% darker color. If you saturate the color by 10%, you get 98, 10.228, 198.825, and if you desaturate by 10%, it is 100, 0.012, 296.813.

Distribution



- Red (98%)
- Green (100%)
- Blue (100%)



- Red (98%)
- Yellow (99%)
- Blue (100%)



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





- Cyan (2%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 100, 2.150, 185.912 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, 2.150, 185.912 by changing the saturation by 10% instead.


 100, 2.150,
185.912

 100, 2.150,
185.912

 90, 2.150, 185.912


 98, 10.228,
198.825

 80, 2.150, 185.912


 96, 18.305,
198.295

 70, 2.150, 185.912

 60, 2.150, 185.912


 95, 25.709,
197.832

 50, 2.150, 185.912


 94, 32.293,
197.431

 40, 2.150, 185.912

 30, 2.150, 185.912

 93, 37.924,
197.095

 20, 2.150, 185.912

 92, 42.499,
196.826

 10, 2.150, 185.912

 92, 45.960,

196.625

■ 91, 48.309,
196.490

■ 91, 49.628,
196.414

■ 100, 2.150,
185.912

■ 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, 2.150, 185.912



99, 1.642, 19.114

Rectangle

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



100, 2.150, 185.912



100, 2.150, 235.912




100, 2.150, 5.912



100, 2.150, 55.912

Sweetspot

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



100, 1.621, 199.711



100, 0.886, 200.097



100, 2.888, 144.447



53, 0.504, 200.139




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, 1.621, 199.711



100, 1.770, 199.667



99, 1.436, 255.950



53, 1.006, 199.692



70, 40.365, 196.386



24, 18.570, 196.386

Inverse Universe

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



99, 2.908, 324.437



99, 3.176, 324.455



99, 1.426, 74.888



53, 1.806, 324.445



45, 93.083, 328.233



12, 42.823, 328.233

Previews

White Background



The preview shows how the C1E1F0 color (100, 215, 245 / 12) looks on a white background.

Color Contrast Check

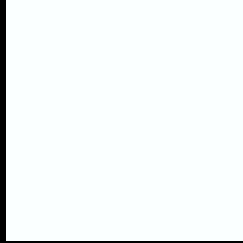
Large Text (above 18pt) WCAG AA × Fail

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, 2.150, 185.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

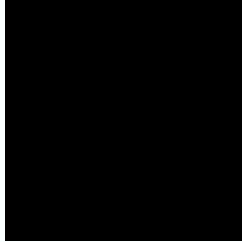
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 100, 2.150, 185.912

Background



This preview shows how black text looks on a background with the CIELCh color 100, 2.150, 185.912.



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, 1.735, 199.677

Protanopia
100, 0.351, 17.546

Deuteranopia
100, 0.351, 17.546

Tritanopia
100, 0.519, 290.364

Trichromacy

Original Color

100, 1.735, 199.677

Protanomaly

100, 0.347, 201.285

Deuteranomaly

100, 0.347, 201.285

Tritanomaly

100, 0.620, 256.225

Monochromacy

Original Color

100, 1.735, 199.677

Achromatopsia

100, 0.012, 296.813

Achromatomaly

100, 0.347, 201.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 100, 2.150, 185.912 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text is the color `rgb(250, 255, 255)` CSS property.

```
.text, #text, p{  
    color:rgb(250, 255, 255)  
}
```

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(250, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 100, 2.150, 185.912 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(250, 255, 255) }
```

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

```
.border{ border-color:rgb(250, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 100, 2.150, 185.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 255) }
```

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

```
.background{ background-color: rgb(250,  
255, 255) }
```

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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