

Converting Colors

CIELCh(100, 2.638, 171.710)

Have a look what the booklet for
CIELCh(100, 2.638, 171.710)
contains.

CIELCh(100, 1.815, 183.413)	3
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Color

CIElCh(100, 1.815, 183.413)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFFF
RGB	251, 255, 255
RGB Percent	98%, 100%, 100%
CMY	0.0152, 0.0000, 0.0000
CMYK	0.02, 0.00, 0.00, 0.00
HSL	180°, 100%, 99%
HSV	180°, 2%, 100%
XYZ	94.0175, 100.0000, 109.0596
YIQ	253.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

Format	Color
R_{YB}	251, 253, 255
Decimal	16515071
CIE _{Lab}	100.00, -1.81, -0.11
CIE _{LCh}	100, 1.815, 183.413
Y _{xy}	100.0000, 0.3102, 0.3299
Android (android.graphics.Color)	4294705151 (0xFFFBFFFF)
YUV	253.8040, 0.5896, -2.4591
Hunter-Lab	100.0000, -7.1787, 5.3386

Details

The CIELCh color 100, 1.815, 183.413 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 1.362, 19.013, 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, 1.093, 199.823 is the 20% darker color. If you saturate the color by 10%, you get 98, 9.967, 198.843, 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, 1.815, 183.413 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, 1.815, 183.413 by changing the saturation by 10% instead.


 100, 1.815,
183.413


 100, 1.815,
183.413


 90, 1.815, 183.413


 98, 9.967, 198.843


 80, 1.815, 183.413


 96, 18.064,
198.310


 70, 1.815, 183.413


 95, 25.490,
197.846


 60, 1.815, 183.413


 94, 32.102,
197.443


 50, 1.815, 183.413


 40, 1.815, 183.413


 93, 37.765,
197.105

 30, 1.815, 183.413

 20, 1.815, 183.413

 92, 42.374,
196.833

 10, 1.815, 183.413

 92, 45.869,
196.630

■ 91, 48.252,
196.493

■ 91, 49.601,
196.416

■ 100, 1.815,
183.413

■ 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, 1.815, 183.413



99, 1.362, 19.013

Rectangle

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



100, 1.815, 183.413



100, 1.815, 233.413



100, 1.815, 3.413



100, 1.815, 53.413

Sweetspot

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



100, 1.347, 199.812

100, 0.012, 296.813



100, 2.395, 144.486



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



100, 1.347, 199.812



100, 1.770, 199.667



99, 1.194, 255.974



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, 2.416, 324.398



99, 3.176, 324.455



99, 1.181, 74.862



53, 1.806, 324.445



45, 93.083, 328.233



12, 42.823, 328.233

Previews

White Background



Color Contrast Check

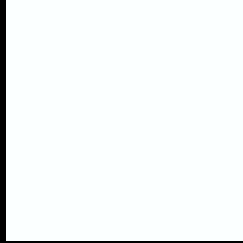
Large Text (above 18pt) WCAG AA × Fail

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 100, 1.815, 183.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

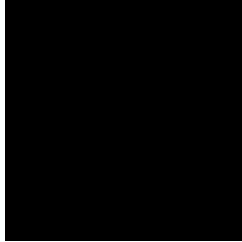
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 100, 1.815, 183.413

Background



This preview shows how black text looks on a background with the CIELCh color 100, 1.815, 183.413.

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, 1.389, 199.794

Protanopia

100, 0.351, 17.546

Deuteranopia

100, 0.351, 17.546

Tritanopia

100, 0.519, 290.364

Trichromacy

Original Color

100, 1.389, 199.794

Protanomaly

100, 0.012, 296.813

Deuteranomaly

100, 0.012, 296.813

Tritanomaly

100, 0.620, 256.225

Monochromacy

Original Color

100, 1.389, 199.794

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, 1.815, 183.413 is called "color". The color property can be set on classes, ids or directly on the HTML element.

```
.text, #text, p{  
    color:rgb(251, 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(251, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 100, 1.815, 183.413 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(251, 255, 255) }
```

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

```
.border{ border-color:rgb(251, 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(251, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 100, 1.815, 183.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 255) }
```

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

```
.background{ background-color: rgb(251,  
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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