

Converting Colors

CIELCh(100, 2.997, 146.510)

Have a look what the booklet for
CIELCh(100, 2.997, 146.510)
contains.

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Color

CIELCh(100, 2.072, 152.425)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFFD
RGB	252, 255, 253
RGB Percent	99%, 100%, 99%
CMY	0.0115, 0.0000, 0.0076
CMYK	0.01, 0.00, 0.01, 0.00
HSL	140°, 100%, 99%
HSV	140°, 1%, 100%
XYZ	94.0034, 100.0000, 107.3240
YIQ	253.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

Format	Color
R _Y B	252, 254, 255
Decimal	16580605
CIE _{Lab}	100.00, -1.84, 0.96
CIE _{LCh}	100, 2.072, 152.425
Y _{xy}	100.0000, 0.3120, 0.3319
Android (android.graphics.Color)	4294770685 (0xFFFCFFFD)
Y _{UV}	253.8750, -0.4314, -1.6444
Hunter-Lab	100.0000, -7.2039, 6.3676

Details

The CIELCh color 100, 2.072, 152.425 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 1.443, 335.750, 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, 1.533, 155.787 is the 20% darker color. If you saturate the color by 10%, you get 98, 13.915, 155.161, and if you desaturate by 10%, it is 100, 0.012, 296.813.

Distribution



- Red (99%)
- Green (100%)
- Blue (99%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 100, 2.072, 152.425 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, 2.072, 152.425 by changing the saturation by 10% instead.


 100, 2.072,
152.425

 100, 2.072,
152.425

 90, 2.072, 152.425


 98, 13.915,
155.161

 80, 2.072, 152.425


 96, 26.441,
154.293

 70, 2.072, 152.425

 60, 2.072, 152.425


 94, 38.837,
153.311

 50, 2.072, 152.425


 92, 50.903,
152.184

 40, 2.072, 152.425

 30, 2.072, 152.425

 91, 62.413,
150.890


 20, 2.072, 152.425

 90, 73.130,
149.407


 10, 2.072, 152.425


 89, 82.833,

147.725

 89, 91.352,
145.852

 88, 98.588,
143.826

 100, 2.072,
152.425

 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, 2.072, 152.425

99, 1.443, 335.750

Rectangle

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



100, 2.072, 152.425



100, 2.072, 202.425

100, 2.072, 332.425

100, 2.072, 22.425

Sweetspot

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



100, 1.424, 156.176



100, 0.012, 296.813



100, 1.524, 123.034



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, 1.424, 156.176




100, 1.233, 156.233



100, 1.054, 186.317



53, 0.701, 156.254



68, 83.014, 142.392




23, 35.722, 145.395

Inverse Universe

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



99, 1.443, 335.750



99, 1.251, 335.695



99, 1.067, 5.344



53, 0.712, 335.674



42, 72.529, 348.024



11, 34.203, 344.890

Previews

White Background



The preview shows how the Color 100 20 20
L12 X 25 looks on a white background.

Color Contrast Check

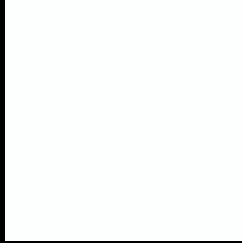
Large Text (above 18pt) WCAG AA × Fail

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, 2.072, 152.425 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, 2.072, 152.425

Background



This preview shows how black text looks on a background with the CIELCh color 100, 2.072, 152.425.

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, 1.460, 155.870

Protanopia

100, 0.351, 17.546

Deuteranopia

100, 0.351, 17.546

Tritanopia

100, 0.519, 290.364

Trichromacy

Original Color

100, 1.460, 155.870

Protanomaly

100, 0.012, 296.813

Deuteranomaly

100, 0.012, 296.813

Tritanomaly

100, 0.347, 201.285

Monochromacy

Original Color

100, 1.460, 155.870

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, 2.072, 152.425 is called "color". The color property can be set on classes, ids or directly on the HTML element.

```
.text, #text, p{  
    color:rgb(252, 255, 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(252, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 100, 2.072, 152.425 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(252, 255, 253) }
```

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

```
.border{ border-color:rgb(252, 255, 253) }
```

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

Here you see how a box with a 4 pixel rgb(252, 255, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 100, 2.072, 152.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 253) }
```

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

```
.background{ background-color: rgb(252,  
255, 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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