

Converting Colors

CIELCh(99, 2.089, 157.779)

Have a look what the booklet for
CIELCh(99, 2.089, 157.779) contains.

CIELCh(99, 2.075, 152.423)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(99, 2.075, 152.423)

Conversions

Conversions Part 1

Format	Color
Hex	F9FDFA
RGB	249, 253, 250
RGB Percent	98%, 99%, 98%
CMY	0.0229, 0.0072, 0.0190
CMYK	0.02, 0.00, 0.01, 0.01
HSL	135°, 52%, 98%
HSV	135°, 2%, 99%
XYZ	91.5829, 97.4360, 104.5568
YIQ	251.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

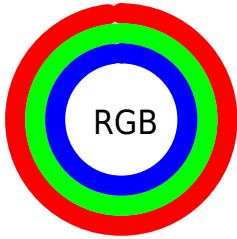
Format	Color
R_{YB}	249, 252, 253
Decimal	16383482
CIE _{Lab}	99.00, -1.84, 0.96
CIE _{LCh}	99, 2.075, 152.423
Yxy	97.4360, 0.3120, 0.3319
Android (android.graphics.Color)	4294573562 (0xFFFF9FDFA)
YUV	251.4620, -0.7208, -2.1592
Hunter-Lab	98.7097, -7.1295, 6.2947

Details

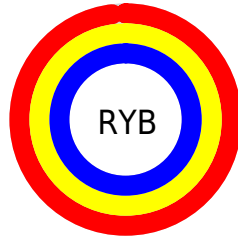
The CIELCh color 99, 2.075, 152.423 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.097, 332.249, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 1.536, 155.784 is the 20% darker color. If you saturate the color by 10%, you get 97, 15.365, 151.553, and if you desaturate by 10%, it is 100, 1.145, 324.212.

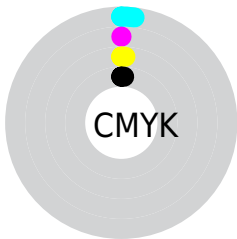
Distribution



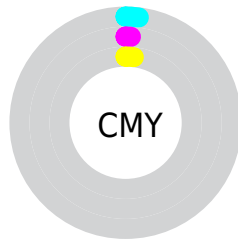
- Red (98%)
- Green (99%)
- Blue (98%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.075, 152.423 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 99, 2.075, 152.423 by changing the saturation by 10% instead.

 99, 2.075, 152.423

 99, 2.075, 152.423

 100, 2.075,
152.423

 89, 2.075, 152.423

 79, 2.075, 152.423

 69, 2.075, 152.423

 59, 2.075, 152.423

 49, 2.075, 152.423

 39, 2.075, 152.423

 29, 2.075, 152.423

 19, 2.075, 152.423

 9, 2.075, 152.423

99, 2.075, 152.423

99, 2.075, 152.423

97, 15.365,
151.553

100, 1.145,
324.212

95, 28.712,
150.733

93, 41.942,
149.793

92, 54.834,
148.707

90, 67.130,
147.455

89, 78.553,
146.025

88, 88.828,
144.421

88, 97.714,
142.672

■ 88, 105.025,
140.845

Harmonies

Complementary

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



99, 2.075, 152.423



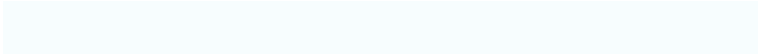
98, 2.097, 332.249

Rectangle

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



99, 2.075, 152.423



99, 2.075, 202.423



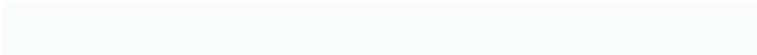
99, 2.075, 332.423



99, 2.075, 22.423

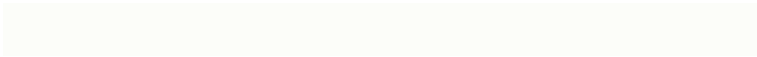
Sweetspot

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



99, 2.078, 152.414

100, 0.012, 296.813



99, 2.053, 119.187



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



99, 2.078, 152.414



100, 2.645, 152.347



99, 1.500, 178.556



53, 1.504, 152.361



68, 88.364, 139.686



23, 38.200, 142.381

Inverse Universe

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



98, 2.097, 332.249



99, 2.666, 332.315



98, 1.519, 358.074



53, 1.516, 332.301



43, 76.862, 341.383



11, 36.128, 339.416

Previews

White Background



This preview shows how the CIE LCh color 99, 2.075, 152.423 looks on a white background.

Color Contrast Check

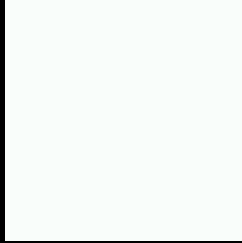
Large Text (above 18pt) WCAG AA × Fail

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 99, 2.075, 152.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

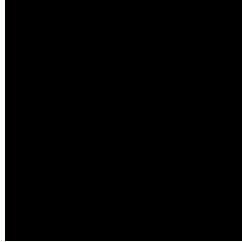
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.075, 152.423

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.075, 152.423.



This preview shows how white text looks on a background with the CIELCh color 99, 2.075, 152.423.

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

99, 2.075, 152.423

Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 2.075, 152.423

Protanomaly

99, 1.061, 90.708

Deuteranomaly

99, 0.605, 74.599

Tritanomaly

99, 0.621, 256.220

Monochromacy



Original Color

99, 2.075, 152.423

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.611, 144.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.075, 152.423 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(249, 253, 250)` looks like.

```
.text, #text, p{  
    color:rgb(249, 253, 250)  
}
```

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(249, 253, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 253, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.075, 152.423 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(249, 253, 250) }
```

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

```
.border{ border-color:rgb(249, 253, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 253, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 253, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 253, 250);  
box-shadow:4px 4px 4px 4px rgb(249, 253,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.075, 152.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 253, 250) }
```

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

```
.background{ background-color: rgb(249,  
253, 250) }
```

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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