

Converting Colors

CIELCh(95, 2.552, 109.950)

Have a look what the booklet for
CIELCh(95, 2.552, 109.950) contains.

CIELCh(95, 2.552, 109.950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 2.552, 109.950)

Conversions

Conversions Part 1

Format	Color
Hex	F1F1EC
RGB	241, 241, 236
RGB Percent	95%, 95%, 93%
CMY	0.0551, 0.0551, 0.0747
CMYK	0.00, 0.00, 0.02, 0.06
HSL	60°, 15%, 94%
HSV	60°, 2%, 94%
XYZ	82.8247, 87.6183, 91.8588
YIQ	240.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

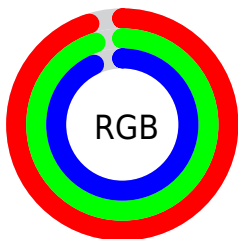
Format	Color
R _Y B	236, 241, 236
Decimal	15856108
CIE Lab	95.00, -0.87, 2.40
CIE LCh	95, 2.552, 109.950
Yxy	87.6183, 0.3158, 0.3340
Android (android.graphics.Color)	4294046188 (0xFFFF1F1EC)
YUV	240.4300, -2.1840, 0.4999
Hunter-Lab	93.6047, -5.8650, 7.3391

Details

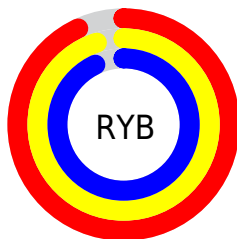
The CIELCh color $95, 2.552, 109.950$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $94, 2.587, 290.442$, and the grayscale version is $95, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $75, 2.684, 109.900$ is the 20% darker color. If you saturate the color by 10%, you get $94, 14.879, 109.039$, and if you desaturate by 10%, it is $95, 7.220, 290.788$.

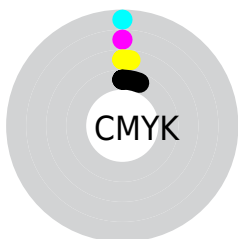
Distribution



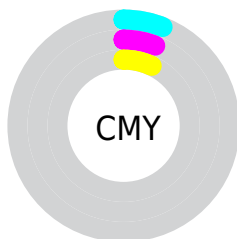
- Red (95%)
- Green (95%)
- Blue (93%)



- Red (93%)
- Yellow (95%)
- Blue (93%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.552, 109.950 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 95, 2.552, 109.950 by changing the saturation by 10% instead.

95, 2.552, 109.950

95, 2.552, 109.950

100, 2.552,
109.950

85, 2.552, 109.950

75, 2.552, 109.950

65, 2.552, 109.950

55, 2.552, 109.950

45, 2.552, 109.950

35, 2.552, 109.950

25, 2.552, 109.950

15, 2.552, 109.950

5, 2.552, 109.950

95, 2.552, 109.950

95, 2.552, 109.950

94, 14.879,
109.039

95, 7.220, 290.788

94, 27.107,
108.065

95, 7.220, 290.845

94, 39.136,
107.098

95, 7.220, 290.901

93, 50.810,
106.159

95, 7.221, 291.014

93, 61.886,
105.275

96, 7.221, 291.071

93, 72.000,
104.480

96, 7.221, 291.184

93, 80.643,
103.814

96, 7.221, 291.241

92, 87.222,
103.318

■ 92, 91.261,
103.020

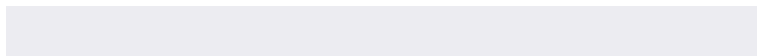
Harmonies

Complementary

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



95, 2.552, 109.950



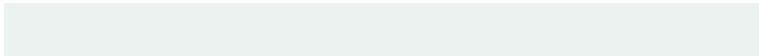
94, 2.587, 290.442

Rectangle

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



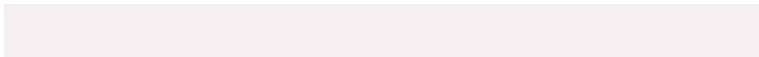
95, 2.552, 109.950



95, 2.552, 159.950



95, 2.552, 289.950



95, 2.552, 339.950

Sweetspot

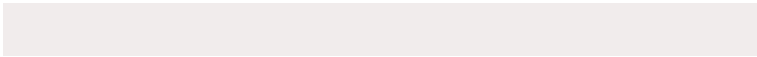
The Sweet Spot groups the original color and five complimentary colors.



95, 2.554, 109.984



100, 1.282, 110.056



94, 1.780, 19.175



53, 0.729, 110.058



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 2.554, 109.984



100, 2.575, 109.990



95, 2.715, 129.029



50, 1.391, 109.999



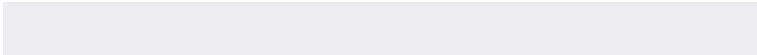
72, 75.720, 102.905



23, 31.944, 103.355

Inverse Universe

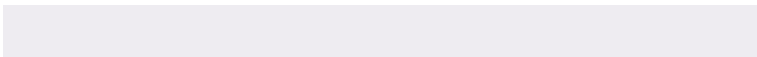
The Inverse Universe completely reimagines the original color for something new.



94, 2.587, 290.442



98, 2.609, 290.436



94, 2.744, 309.109



49, 1.410, 290.427



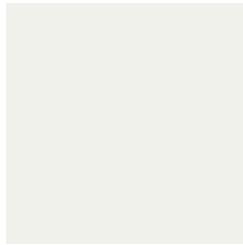
22, 104.551, 306.290



3, 37.811, 298.770

Previews

White Background



This preview shows how the CIE LCh color 95, 2.552, 109.950 looks on a white background.

Color Contrast Check

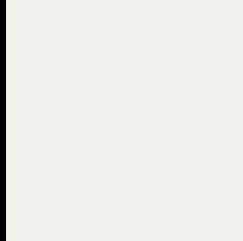
Large Text (above 18pt) WCAG AA × Fail

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 95, 2.552, 109.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

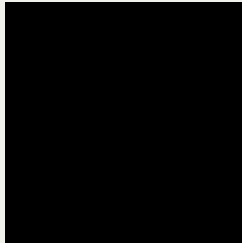
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

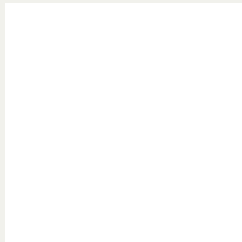
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.552, 109.950

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.552, 109.950.

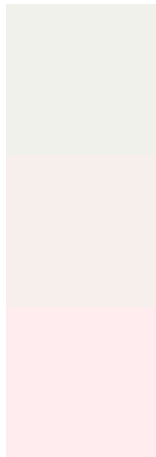


This preview shows how white text looks on a background with the CIELCh color 95, 2.552, 109.950.

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

95, 2.552, 109.950

Protanopia

95, 3.216, 58.875

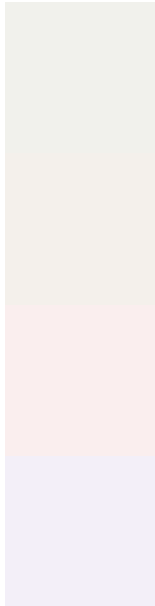
Deuteranopia

95, 6.980, 7.097



Tritanopia
95, 9.018, 304.126

Trichromacy



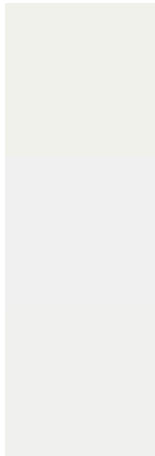
Original Color
95, 2.552, 109.950

Protanomaly
95, 2.913, 80.594

Deuteranomaly
95, 4.284, 19.547

Tritanomaly
95, 4.857, 307.249

Monochromacy



Original Color
95, 2.552, 109.950

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 0.502, 109.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.552, 109.950 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(241, 241, 236)` looks like.

```
.text, #text, p{  
    color:rgb(241, 241, 236)  
}
```

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(241, 241, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 241, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.552, 109.950 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(241, 241, 236) }
```

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

```
.border{ border-color:rgb(241, 241, 236) }
```

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

Here you see how a box with a 4 pixel rgb(241, 241, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 241, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 241, 236);  
box-shadow:4px 4px 4px 4px rgb(241, 241,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.552, 109.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 241, 236) }
```

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

```
.background{ background-color: rgb(241,  
241, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor