

Converting Colors

CIE LCh(95, 1.568, 261.212)

Have a look what the booklet for
CIELCh(95, 1.568, 261.212) contains.

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Color

CIELCh(95, 1.691, 265.876)

Conversions

Conversions Part 1

Format	Color
Hex	EFF1F4
RGB	239, 241, 244
RGB Percent	94%, 95%, 96%
CMY	0.0636, 0.0557, 0.0440
CMYK	0.02, 0.01, 0.00, 0.04
HSL	216°, 18%, 95%
HSV	216°, 2%, 96%
XYZ	83.2151, 87.6183, 97.9461
YIQ	240.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

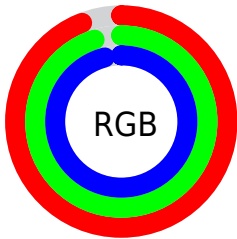
Format	Color
R_{YB}	239, 240, 244
Decimal	15725044
CIE _{Lab}	95.00, -0.12, -1.69
CIE _{LCh}	95, 1.691, 265.876
Yxy	87.6183, 0.3096, 0.3260
Android (android.graphics.Color)	4293915124 (0xFFEFF1F4)
YUV	240.7440, 1.6052, -1.5295
Hunter-Lab	93.6047, -5.1206, 3.4834

Details

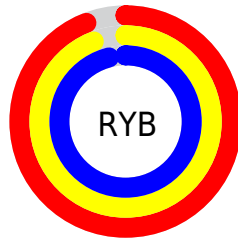
The CIELCh color `95, 1.691, 265.876` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 1.674, 84.887`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 1.774, 265.907` is the 20% darker color. If you saturate the color by 10%, you get `90, 9.918, 267.036`, and if you desaturate by 10%, it is `100, 5.672, 109.740`.

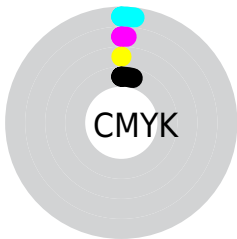
Distribution



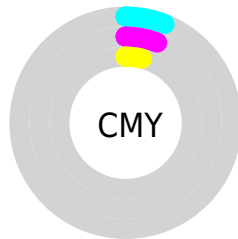
- Red (94%)
- Green (95%)
- Blue (96%)



- Red (94%)
- Yellow (94%)
- Blue (96%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 1.691, 265.876 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, 1.691, 265.876 by changing the saturation by 10% instead.

95, 1.691, 265.876

95, 1.691, 265.876

100, 1.691,
265.876

85, 1.691, 265.876

75, 1.691, 265.876

65, 1.691, 265.876

55, 1.691, 265.876

45, 1.691, 265.876

35, 1.691, 265.876

25, 1.691, 265.876

15, 1.691, 265.876

5, 1.691, 265.876

95, 1.691, 265.876

95, 1.691, 265.876

90, 9.918, 267.036

100, 5.672,
109.740

84, 18.200,
268.659

79, 26.528,
270.580

73, 34.901,
272.843

68, 43.334,
275.497

63, 51.861,
278.572

58, 60.539,
282.063

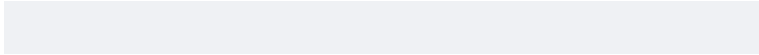
53, 69.427,
285.904

■ 49,78.546,
289.941

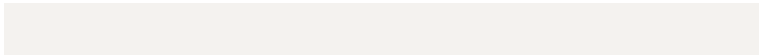
Harmonies

Complementary

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



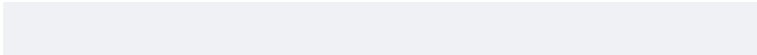
95, 1.691, 265.876



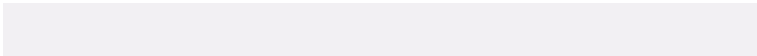
95, 1.674, 84.887

Rectangle

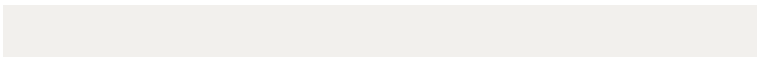
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



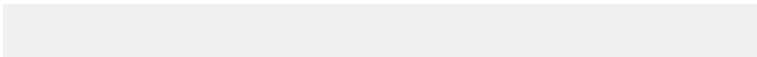
95, 1.691, 265.876



95, 1.691, 315.876



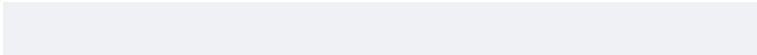
95, 1.691, 85.876



95, 1.691, 135.876

Sweetspot

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



95, 1.690, 265.804



99, 0.859, 265.876



96, 2.063, 168.467



53, 0.489, 265.890



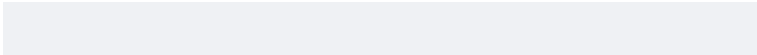
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

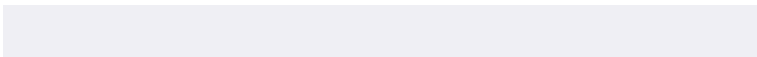
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 1.690, 265.804



99, 1.709, 265.802



95, 2.586, 293.642



51, 0.940, 265.800



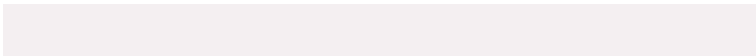
35, 68.925, 292.383



9, 26.390, 285.997

Inverse Universe

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



95, 2.063, 349.299



99, 2.086, 349.289



96, 2.553, 113.270



51, 1.147, 349.265



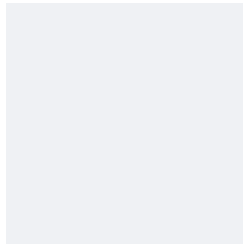
40, 66.942, 11.623



9, 29.668, 3.922

Previews

White Background



This preview shows how the CIE LCh color 95, 1.691, 265.876 looks on a white background.

Color Contrast Check

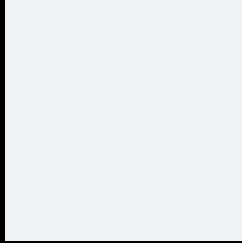
Large Text (above 18pt) WCAG AA × Fail

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 95, 1.691, 265.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

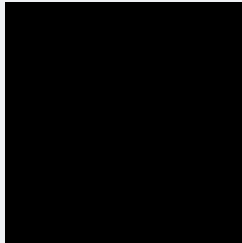
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

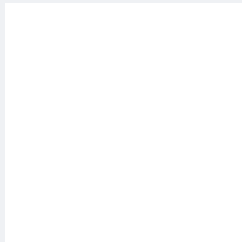
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 1.691, 265.876

Background



This preview shows how black text looks on a background with the CIELCh color 95, 1.691, 265.876.

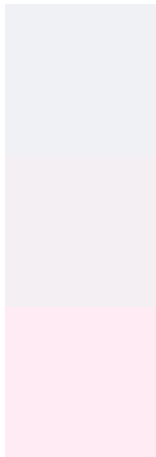


This preview shows how white text looks on a background with the CIELCh color 95, 1.691, 265.876.

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, 1.691, 265.876

Protanopia

95, 2.731, 330.525

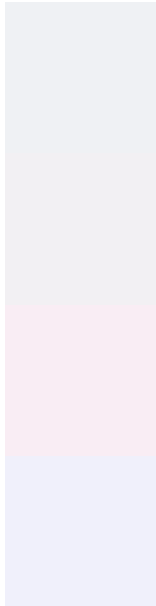
Deuteranopia

95, 8.502, 347.064



Tritanopia
95, 8.269, 295.594

Trichromacy



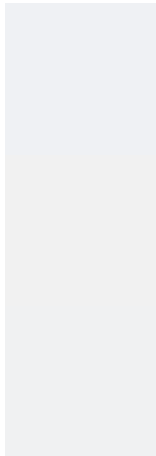
Original Color
95, 1.691, 265.876

Protanomaly
95, 1.712, 314.605

Deuteranomaly
95, 5.593, 339.708

Tritanomaly
95, 5.658, 290.628

Monochromacy



Original Color
95, 1.691, 265.876

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 0.626, 256.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 1.691, 265.876 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(239, 241, 244)` looks like.

```
.text, #text, p{  
    color:rgb(239, 241, 244)  
}
```

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(239, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 241, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 1.691, 265.876 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(239, 241, 244) }
```

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

```
.border{ border-color:rgb(239, 241, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 241, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(239, 241,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 1.691, 265.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 241, 244) }
```

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

```
.background{ background-color: rgb(239,  
241, 244) }
```

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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