

Converting Colors

CIELCh(93, 1.291, 353.564)

Have a look what the booklet for
CIELCh(93, 1.291, 353.564) contains.

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Color

CIELCh(93, 1.195, 353.365)

Conversions

Conversions Part 1

Format	Color
Hex	EDEAEB
RGB	237, 234, 235
RGB Percent	93%, 92%, 92%
CMY	0.0700, 0.0817, 0.0778
CMYK	0.00, 0.01, 0.01, 0.07
HSL	340°, 8%, 92%
HSV	340°, 1%, 93%
XYZ	79.4569, 82.9670, 90.5362
YIQ	235.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

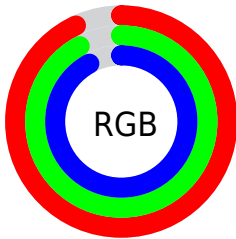
Format	Color
R _Y B	237, 234, 235
Decimal	15592171
CIE Lab	93.00, 1.19, -0.14
CIE LCh	93, 1.195, 353.365
Yxy	82.9670, 0.3141, 0.3280
Android (android.graphics.Color)	4293782251 (0xFFEDEAEB)
YUV	235.0110, -0.0054, 1.7444
Hunter-Lab	91.0862, -3.6908, 4.8284

Details

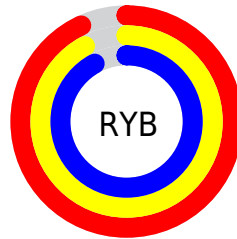
The CIELCh color $93, 1.195, 353.365$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $94, 1.177, 174.086$, and the grayscale version is $93, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $73, 1.256, 353.496$ is the 20% darker color. If you saturate the color by 10%, you get $87, 10.798, 354.783$, and if you desaturate by 10%, it is $99, 6.530, 180.808$.

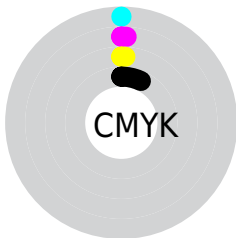
Distribution



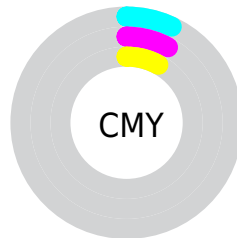
- Red (93%)
- Green (92%)
- Blue (92%)



- Red (93%)
- Yellow (92%)
- Blue (92%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 1.195, 353.365 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 93, 1.195, 353.365 by changing the saturation by 10% instead.

93, 1.195, 353.365

93, 1.195, 353.365

100, 1.195,
353.365

83, 1.195, 353.365

73, 1.195, 353.365

63, 1.195, 353.365

53, 1.195, 353.365

43, 1.195, 353.365

33, 1.195, 353.365

23, 1.195, 353.365

13, 1.195, 353.365

3, 1.195, 353.365

93, 1.195, 353.365

93, 1.195, 353.365

87, 10.798,
354.783

99, 6.530, 180.808

81, 20.740,
355.915

99, 6.127, 199.125

75, 30.903,
357.216

69, 41.084,
358.761

64, 50.967, 0.640

59, 60.126, 2.977

56, 68.076, 5.932

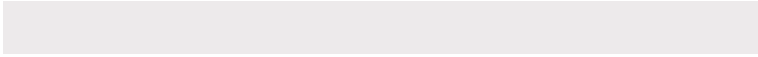
53, 74.418, 9.687

51, 79.061, 14.379

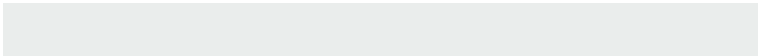
Harmonies

Complementary

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



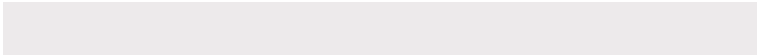
93, 1.195, 353.365



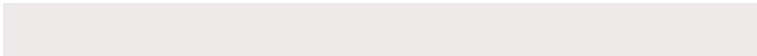
94, 1.177, 174.086

Rectangle

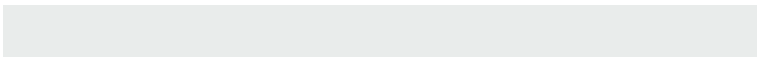
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



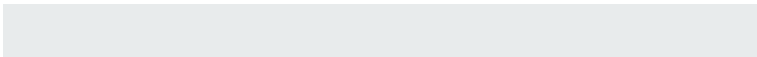
93, 1.195, 353.365



93, 1.195, 43.365



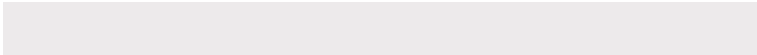
93, 1.195, 173.365



93, 1.195, 223.365

Sweetspot

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



93, 1.193, 353.422

100, 0.012, 296.813



93, 1.718, 314.609



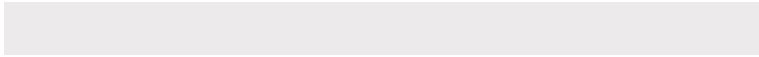
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

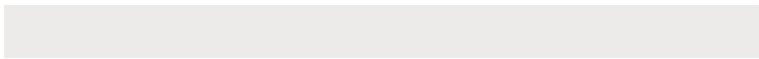
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 1.193, 353.422



99, 2.001, 353.655



93, 0.920, 35.000



50, 1.081, 353.628



39, 67.545, 18.099



8, 28.757, 8.251

Inverse Universe

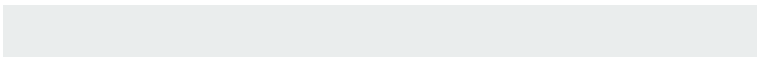
The Inverse Universe completely reimagines the original color for something new.



93, 1.193, 353.422



99, 2.001, 353.655



93, 0.916, 216.375



50, 1.081, 353.628



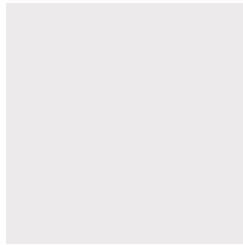
39, 67.545, 18.099



8, 28.757, 8.251

Previews

White Background



This preview shows how the CIE LCh color 93, 1.195, 353.365 looks on a white background.

Color Contrast Check

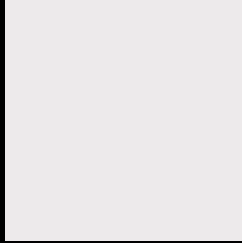
Large Text (above 18pt) WCAG AA × Fail

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 93, 1.195, 353.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

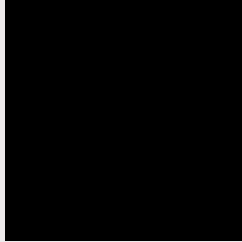
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

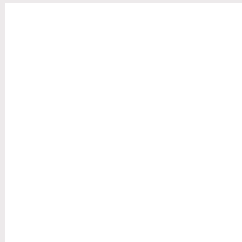
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 1.195, 353.365

Background



This preview shows how black text looks on a background with the CIELCh color 93, 1.195, 353.365.

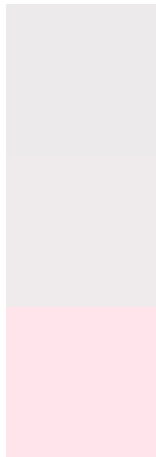


This preview shows how white text looks on a background with the CIELCh color 93, 1.195, 353.365.

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

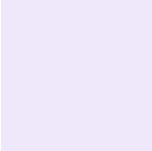
93, 1.195, 353.365

Protanopia

93, 1.861, 3.126

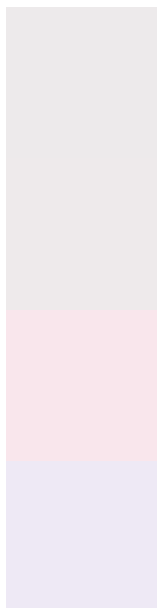
Deuteranopia

93, 10.556, 357.190



Tritanopia
93, 9.648, 305.455

Trichromacy



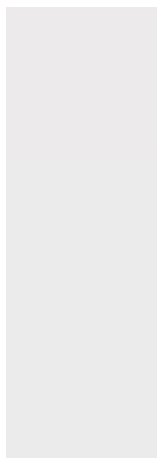
Original Color
93, 1.195, 353.365

Protanomaly
93, 1.522, 359.303

Deuteranomaly
93, 7.491, 355.523

Tritanomaly
93, 6.467, 306.327

Monochromacy



Original Color
93, 1.195, 353.365

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 0.356, 17.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 1.195, 353.365 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(237, 234, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 235)  
}
```

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(237, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 1.195, 353.365 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(237, 234, 235) }
```

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

```
.border{ border-color:rgb(237, 234, 235) }
```

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

Here you see how a box with a 4 pixel rgb(237, 234, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 1.195, 353.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 235) }
```

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

```
.background{ background-color: rgb(237,  
234, 235) }
```

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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