

Converting Colors

CIELCh(93, 2.576, 109.212)

Have a look what the booklet for
CIELCh(93, 2.576, 109.212) contains.

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Color

CIELCh(93, 2.565, 109.946)

Conversions

Conversions Part 1

Format	Color
Hex	EBEBE6
RGB	235, 235, 230
RGB Percent	92%, 92%, 90%
CMY	0.0776, 0.0776, 0.0972
CMYK	0.00, 0.00, 0.02, 0.08
HSL	60°, 11%, 91%
HSV	60°, 2%, 92%
XYZ	78.4179, 82.9670, 86.9044
YIQ	234.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

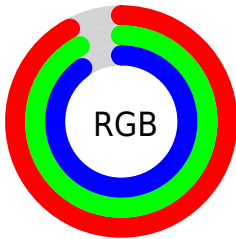
Format	Color
R _Y B	230, 235, 230
Decimal	15461350
CIE Lab	93.00, -0.88, 2.41
CIE LCh	93, 2.565, 109.946
Yxy	82.9670, 0.3158, 0.3342
Android (android.graphics.Color)	4293651430 (0xFFEBEBE6)
YUV	234.4300, -2.1840, 0.4999
Hunter-Lab	91.0862, -5.7268, 7.1924

Details

The CIELCh color **93, 2.565, 109.946** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 2.600, 290.446**, 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, 2.159, 109.940** is the 20% darker color. If you saturate the color by 10%, you get **92, 14.654, 109.035**, and if you desaturate by 10%, it is **94, 9.553, 290.963**.

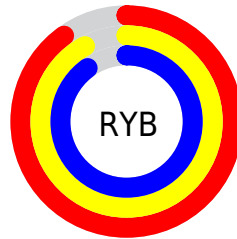
Distribution



Red (92%)

Green (92%)

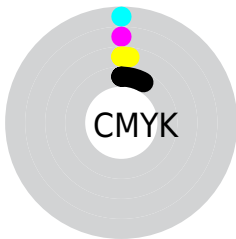
Blue (90%)



Red (90%)

Yellow (92%)

Blue (90%)

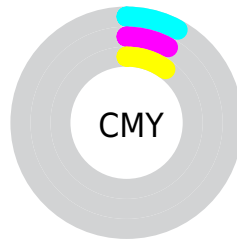


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 2.565, 109.946 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, 2.565, 109.946 by changing the saturation by 10% instead.

 93, 2.565, 109.946

 93, 2.565, 109.946

 100, 2.565,
109.946

 83, 2.565, 109.946

 73, 2.565, 109.946

 63, 2.565, 109.946

 53, 2.565, 109.946

 43, 2.565, 109.946

 33, 2.565, 109.946

 23, 2.565, 109.946

 13, 2.565, 109.946

 3, 2.565, 109.946

93, 2.565, 109.946

93, 2.565, 109.946

92, 14.654,
109.035

94, 9.553, 290.963

92, 26.645,
108.062

94, 10.201,
291.049

92, 38.441,
107.096

94, 10.201,
291.087

91, 49.890,
106.158

94, 10.201,
291.125

91, 60.754,
105.276

94, 10.201,
291.163

91, 70.675,
104.482

94, 10.202,
291.201

91, 79.158,
103.816

94, 10.202,
291.239

90, 85.622,
103.319

94, 10.202,
291.277

■ 90, 89.600,
103.020

■ 94, 10.202,
291.315

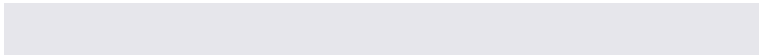
Harmonies

Complementary

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



93, 2.565, 109.946



91, 2.600, 290.446

Rectangle

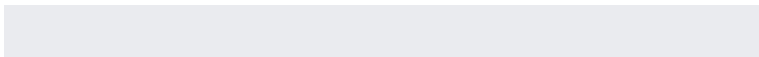
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 2.565, 109.946



93, 2.565, 159.946



93, 2.565, 289.946



93, 2.565, 339.946

Sweetspot

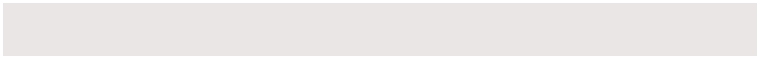
The Sweet Spot groups the original color and five complimentary colors.



93, 2.567, 109.980



100, 1.282, 110.055



92, 1.789, 19.186



53, 0.729, 110.057



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

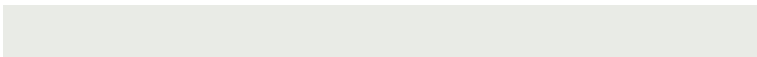
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 2.567, 109.980



100, 3.868, 109.903



93, 2.729, 129.025



49, 2.740, 109.832



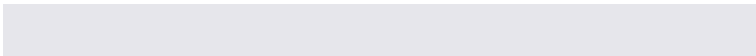
71, 74.938, 102.904



21, 30.655, 103.511

Inverse Universe

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



91, 2.600, 290.446



98, 3.916, 290.526



92, 2.757, 309.113



48, 2.775, 290.600



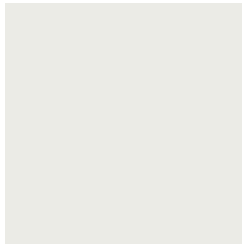
21, 103.470, 306.290



2, 35.736, 297.771

Previews

White Background



This preview shows how the CIELCh color 93, 2.565, 109.946 looks on a white background.

Color Contrast Check

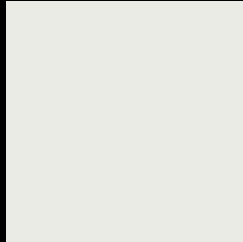
Large Text (above 18pt) WCAG AA × Fail

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, 2.565, 109.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

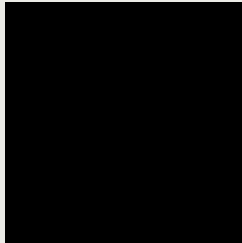
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

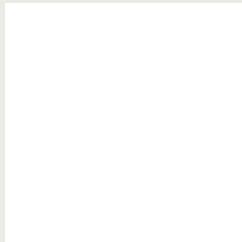
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 2.565, 109.946

Background



This preview shows how black text looks on a background with the CIELCh color 93, 2.565, 109.946.

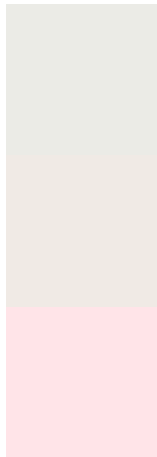


This preview shows how white text looks on a background with the CIELCh color 93, 2.565, 109.946.

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

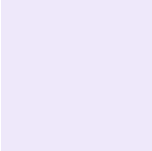
93, 2.565, 109.946

Protanopia

93, 3.336, 69.675

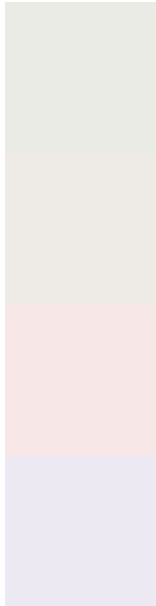
Deuteranopia

93, 9.985, 8.191



Tritanopia
93, 9.564, 303.443

Trichromacy



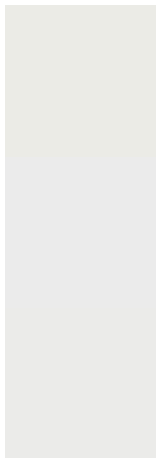
Original Color
93, 2.565, 109.946

Protanomaly
93, 2.927, 80.586

Deuteranomaly
93, 6.128, 19.728

Tritanomaly
93, 5.376, 305.686

Monochromacy



Original Color
93, 2.565, 109.946

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.019, 110.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 2.565, 109.946 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(235, 235, 230)` looks like.

```
.text, #text, p{  
    color:rgb(235, 235, 230)  
}
```

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(235, 235, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 235, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 2.565, 109.946 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(235, 235, 230) }
```

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

```
.border{ border-color:rgb(235, 235, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 235, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 235, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 235, 230);  
box-shadow:4px 4px 4px 4px rgb(235, 235,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 2.565, 109.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 235, 230) }
```

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

```
.background{ background-color: rgb(235,  
235, 230) }
```

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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