

Converting Colors

CIELCh(93, 7.460, 290.774)

Have a look what the booklet for
CIELCh(93, 7.460, 290.774) contains.

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Color

CIELCh(93, 7.232, 290.756)

Conversions

Conversions Part 1

Format	Color
Hex	EAEAF8
RGB	234, 234, 248
RGB Percent	92%, 92%, 97%
CMY	0.0831, 0.0831, 0.0282
CMYK	0.06, 0.06, 0.00, 0.03
HSL	240°, 49%, 94%
HSV	240°, 6%, 97%
XYZ	80.1552, 82.9670, 100.4444
YIQ	235.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

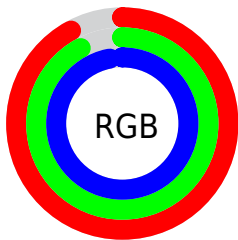
Format	Color
RYB	234, 234, 248
Decimal	15395576
CIELab	93.00, 2.56, -6.76
CIELCh	93, 7.232, 290.756
Yxy	82.9670, 0.3041, 0.3148
Android (android.graphics.Color)	4293585656 (0xFFEAEAF8)
YUV	235.5960, 6.1152, -1.3997
Hunter-Lab	91.0862, -2.3222, -1.6210

Details

The CIELCh color `93, 7.232, 290.756` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 7.122, 109.612`, 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, 7.609, 290.918` is the 20% darker color. If you saturate the color by 10%, you get `85, 20.424, 291.887`, and if you desaturate by 10%, it is `100, 3.633, 109.885`.

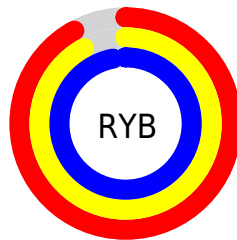
Distribution



Red (92%)

Green (92%)

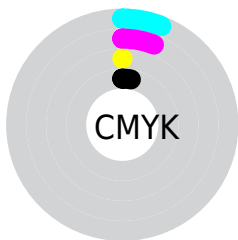
Blue (97%)



Red (92%)

Yellow (92%)

Blue (97%)

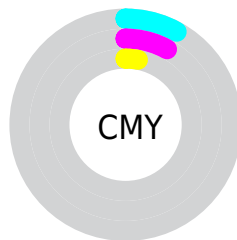


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (3%)



Cyan (8%)

Magenta (8%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.232, 290.756 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, 7.232, 290.756 by changing the saturation by 10% instead.

■ 93, 7.232, 290.756

■ 93, 7.232, 290.756

■ 100, 7.232,
290.756

■ 83, 7.232, 290.756

■ 73, 7.232, 290.756

■ 63, 7.232, 290.756

■ 53, 7.232, 290.756

■ 43, 7.232, 290.756

■ 33, 7.232, 290.756

■ 23, 7.232, 290.756

■ 13, 7.232, 290.756

■ 3, 7.232, 290.756

93, 7.232, 290.756

93, 7.232, 290.756

85, 20.424,
291.887

100, 3.633,
109.885

77, 34.185,
293.241

69, 48.551,
294.835

61, 63.527,
296.683

53, 79.015,
298.767

46, 94.646,
300.998

40, 109.468,
303.169

35, 121.669,
304.952

■ 32,129.039,
306.014

Harmonies

Complementary

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



93, 7.232, 290.756



97, 7.122, 109.612

Rectangle

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



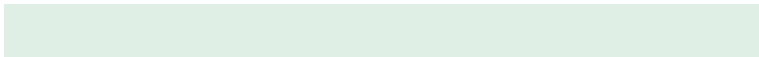
93, 7.232, 290.756



93, 7.232, 340.756



93, 7.232, 110.756



93, 7.232, 160.756

Sweetspot

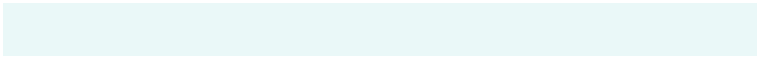
The Sweet Spot groups the original color and five complimentary colors.



93, 7.230, 290.746



98, 2.608, 290.392



97, 4.852, 197.812



52, 1.483, 290.384



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, 7.230, 290.746



94, 9.192, 290.889



94, 7.632, 308.721



49, 5.881, 290.952



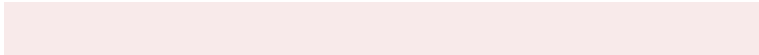
23, 106.696, 306.284



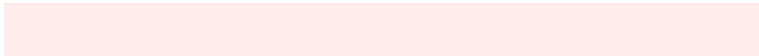
3, 42.018, 300.802

Inverse Universe

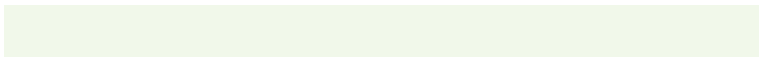
The Inverse Universe completely reimagines the original color for something new.



94, 5.022, 19.603



95, 6.404, 19.719



97, 7.554, 128.250



49, 4.103, 19.767



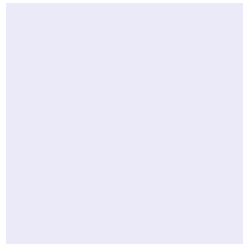
39, 83.379, 39.989



9, 32.193, 26.129

Previews

White Background



This preview shows how the CIELCh color 93, 7.232, 290.756 looks on a white background.

Color Contrast Check

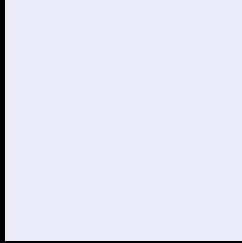
Large Text (above 18pt) WCAG AA × Fail

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, 7.232, 290.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

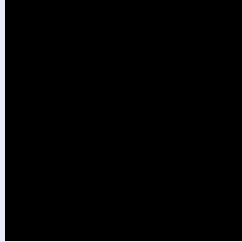
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

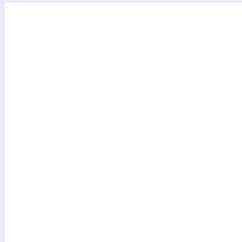
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.232, 290.756

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.232, 290.756.

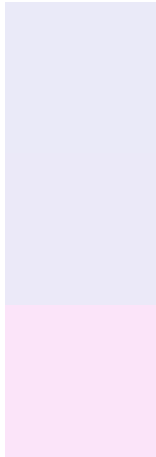


This preview shows how white text looks on a background with the CIELCh color 93, 7.232, 290.756.

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, 7.232, 290.756

Protanopia

93, 7.795, 295.891

Deuteranopia

93, 13.576, 327.385



Tritanopia
93, 9.830, 292.957

Trichromacy



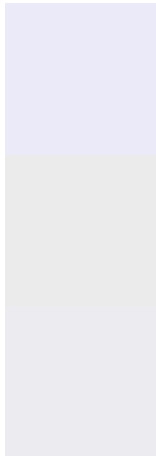
Original Color
93, 7.232, 290.756

Protanomaly
93, 7.795, 295.891

Deuteranomaly
93, 11.183, 318.810

Tritanomaly
93, 8.798, 293.121

Monochromacy



Original Color
93, 7.232, 290.756

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.587, 290.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.232, 290.756 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(234, 234, 248)` looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 248)  
}
```

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(234, 234, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.232, 290.756 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(234, 234, 248) }
```

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

```
.border{ border-color:rgb(234, 234, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 234, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 248);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.232, 290.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 248) }
```

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

```
.background{ background-color: rgb(234,  
234, 248) }
```

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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