

Converting Colors

CIELCh(93, 10.338, 287.208)

Have a look what the booklet for
CIELCh(93, 10.338, 287.208)
contains.

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Color

CIELCh(93, 10.338, 287.208)

Conversions

Conversions Part 1

Format	Color
Hex	E8EAFE
RGB	232, 234, 254
RGB Percent	91%, 92%, 100%
CMY	0.0911, 0.0833, 0.0049
CMYK	0.09, 0.08, 0.00, 0.00
HSL	235°, 90%, 95%
HSV	235°, 9%, 100%
XYZ	80.4077, 82.9670, 105.3393
YIQ	235.6820, -7.6120, 5.7960

Conversions

Conversions Part 2

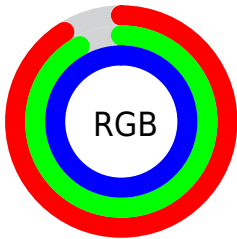
Format	Color
R_{YB}	232, 234, 254
Decimal	15264510
CIE Lab	93.00, 3.06, -9.88
CIE LCh	93, 10.338, 287.208
Yxy	82.9670, 0.2992, 0.3088
Android (android.graphics.Color)	4293454590 (0xFFE8EAFE)
YUV	235.6820, 9.0308, -3.2291
Hunter-Lab	91.0862, -1.8274, -4.8072

Details

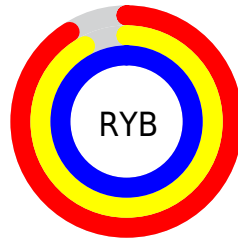
The CIELCh color `93, 10.338, 287.208` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 10.162, 105.318`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 10.336, 287.224` is the 20% darker color. If you saturate the color by 10%, you get `85, 22.663, 288.478`, and if you desaturate by 10%, it is `100, 0.618, 110.006`.

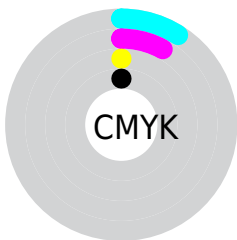
Distribution



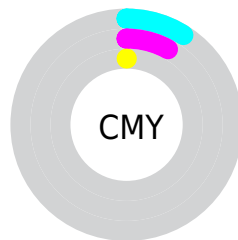
- Red (91%)
- Green (92%)
- Blue (100%)



- Red (91%)
- Yellow (92%)
- Blue (100%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 10.338, 287.208 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, 10.338, 287.208 by changing the saturation by 10% instead.

93, 10.338,
287.208

93, 10.338,
287.208

100, 10.338,
287.208

83, 10.338,
287.208

73, 10.338,
287.208

63, 10.338,
287.208

53, 10.338,
287.208

43, 10.338,
287.208

33, 10.338,
287.208

23, 10.338,

287.208

■ 13, 10.338,
287.208

■ 3, 10.338, 287.208

■ 93, 10.338,
287.208

■ 93, 10.338,
287.208

■ 85, 22.663,
288.478

100, 0.618,
110.006

■ 78, 35.472,
289.985

■ 70, 48.803,
291.754

■ 63, 62.680,
293.805

■ 55, 77.064,
296.130

■ 48, 91.741,
298.657

■ 42, 106.094,
301.215

■ 37, 118.839,
303.519

■ 34, 128.142,
305.229

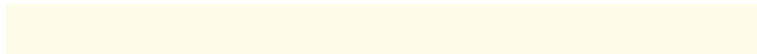
Harmonies

Complementary

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



93, 10.338, 287.208



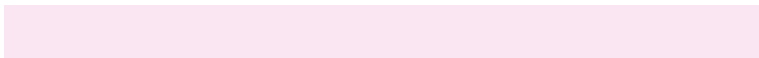
99, 10.162, 105.318

Rectangle

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



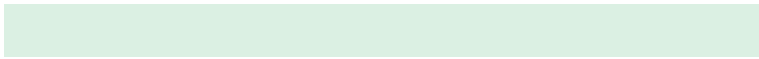
93, 10.338, 287.208



93, 10.338, 337.208



93, 10.338, 107.208



93, 10.338, 157.208

Sweetspot

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



93, 10.336, 287.201



98, 3.563, 286.583



98, 7.658, 190.559



52, 2.703, 286.663



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, 10.336, 287.201



92, 11.999, 287.359



93, 11.805, 305.934



49, 6.816, 287.300



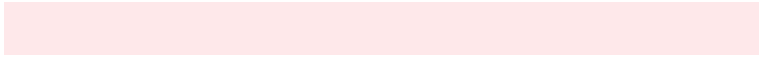
24, 103.439, 305.147



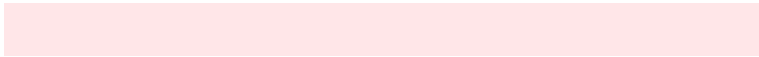
4, 41.232, 300.135

Inverse Universe

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



94, 7.998, 12.511



93, 9.306, 12.643



98, 11.625, 125.082



50, 5.282, 12.594



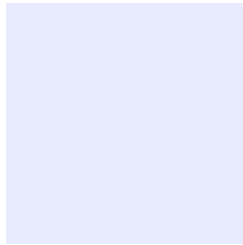
40, 80.395, 36.394



10, 32.663, 23.485

Previews

White Background



This preview shows how the CIE LCh color 93, 10.338, 287.208 looks on a white background.

Color Contrast Check

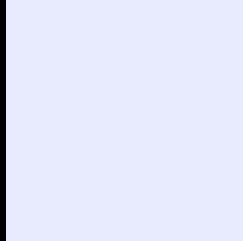
Large Text (above 18pt) WCAG AA × Fail

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, 10.338, 287.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

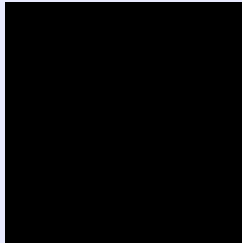
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 10.338, 287.208

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.338, 287.208.



This preview shows how white text looks on a background with the CIELCh color 93, 10.338, 287.208.

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, 10.338, 287.208

Protanopia

93, 10.335, 290.997

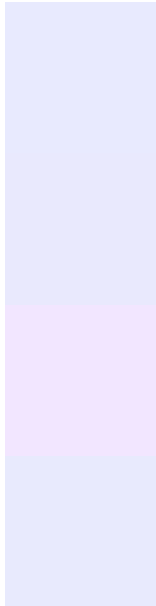
Deuteranopia

93, 15.654, 317.449



Tritanopia
93, 9.310, 286.694

Trichromacy



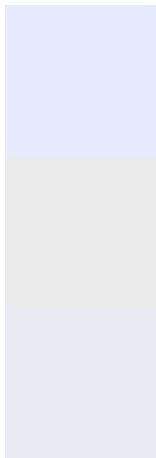
Original Color
93, 10.338, 287.208

Protanomaly
93, 10.335, 290.997

Deuteranomaly
93, 13.627, 308.810

Tritanomaly
93, 9.824, 286.963

Monochromacy



Original Color
93, 10.338, 287.208

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.630, 284.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 10.338, 287.208 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(232, 234, 254)` looks like.

```
.text, #text, p{  
    color:rgb(232, 234, 254)  
}
```

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(232, 234, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 234, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.338, 287.208 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(232, 234, 254) }
```

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

```
.border{ border-color:rgb(232, 234, 254) }
```

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

Here you see how a box with a 4 pixel rgb(232, 234, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 234, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 234, 254);  
box-shadow:4px 4px 4px 4px rgb(232, 234,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.338, 287.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 234, 254) }
```

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

```
.background{ background-color: rgb(232,  
234, 254) }
```

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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