

Converting Colors

CIELCh(93, 4.371, 320.073)

Have a look what the booklet for
CIELCh(93, 4.371, 320.073) contains.

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Color

CIELCh(93, 4.217, 320.567)

Conversions

Conversions Part 1

Format	Color
Hex	EFE9F0
RGB	239, 233, 240
RGB Percent	94%, 91%, 94%
CMY	0.0625, 0.0860, 0.0586
CMYK	0.00, 0.03, 0.00, 0.06
HSL	291°, 19%, 93%
HSV	291°, 3%, 94%
XYZ	80.5091, 82.9670, 94.2550
YIQ	235.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

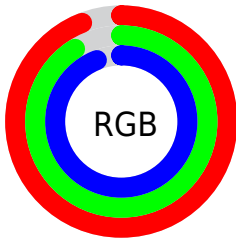
Format	Color
R _Y B	239, 233, 240
Decimal	15722992
CIE Lab	93.00, 3.26, -2.68
CIE LCh	93, 4.217, 320.567
Yxy	82.9670, 0.3124, 0.3219
Android (android.graphics.Color)	4293913072 (0xFFEFE9F0)
YUV	235.5920, 2.1731, 2.9888
Hunter-Lab	91.0862, -1.6287, 2.4078

Details

The CIELCh color `93, 4.217, 320.567` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 4.191, 140.414`, 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, 4.434, 320.618` is the 20% darker color. If you saturate the color by 10%, you get `87, 18.809, 321.080`, and if you desaturate by 10%, it is `99, 8.822, 139.667`.

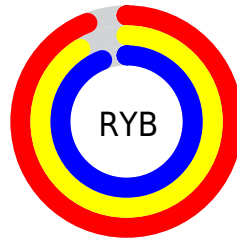
Distribution



Red (94%)

Green (91%)

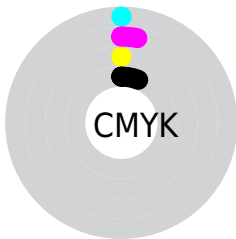
Blue (94%)



Red (94%)

Yellow (91%)

Blue (94%)

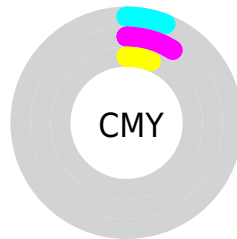


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (6%)



Cyan (6%)

Magenta (9%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 4.217, 320.567 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, 4.217, 320.567 by changing the saturation by 10% instead.

93, 4.217, 320.567

93, 4.217, 320.567

100, 4.217,
320.567

83, 4.217, 320.567

73, 4.217, 320.567

63, 4.217, 320.567

53, 4.217, 320.567

43, 4.217, 320.567

33, 4.217, 320.567

23, 4.217, 320.567

13, 4.217, 320.567

3, 4.217, 320.567

93, 4.217, 320.567

93, 4.217, 320.567

87, 18.809,
321.080

99, 8.822, 139.667

81, 33.554,
321.556

99, 8.263, 132.513

75, 48.240,
322.015

99, 7.851, 124.410

70, 62.548,
322.438

100, 7.562,
109.602

65, 76.035,
322.797

60, 88.129,
323.062

57, 98.179,
323.194

54, 105.592,
323.159

■ 52, 110.034,
322.930

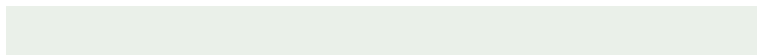
Harmonies

Complementary

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



93, 4.217, 320.567



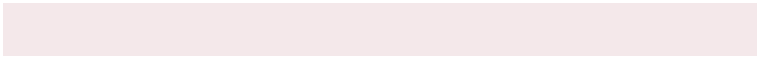
94, 4.191, 140.414

Rectangle

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



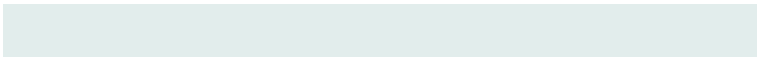
93, 4.217, 320.567



93, 4.217, 10.567



93, 4.217, 140.567



93, 4.217, 190.567

Sweetspot

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



93, 4.214, 320.564



99, 1.523, 320.361



93, 3.094, 283.617



53, 0.866, 320.349



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, 4.214, 320.564



98, 4.556, 320.571



93, 3.440, 336.469



49, 3.284, 320.619



39, 91.323, 322.758



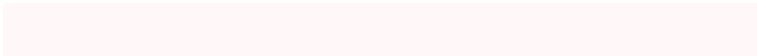
8, 39.777, 323.492

Inverse Universe

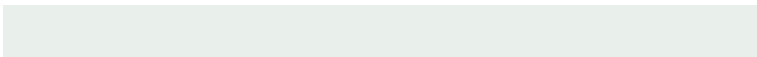
The Inverse Universe completely reimagines the original color for something new.



93, 2.555, 7.711



98, 2.762, 7.727



94, 3.417, 156.292



49, 1.995, 7.843



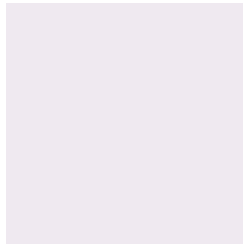
38, 75.390, 33.372



8, 29.184, 17.979

Previews

White Background



This preview shows how the CIELCh color 93, 4.217, 320.567 looks on a white background.

Color Contrast Check

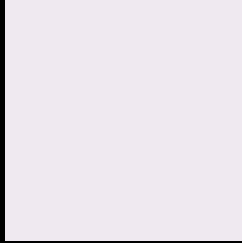
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 4.217, 320.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

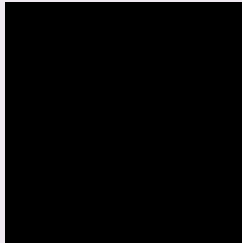
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

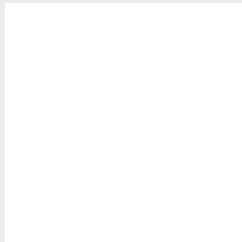
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 4.217, 320.567

Background



This preview shows how black text looks on a background with the CIELCh color 93, 4.217, 320.567.

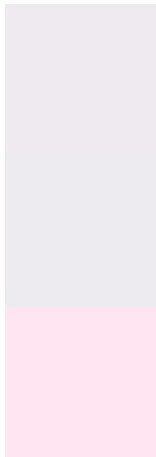


This preview shows how white text looks on a background with the CIELCh color 93, 4.217, 320.567.

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](#).

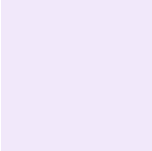
Dichromacy



Original Color
93, 4.217, 320.567

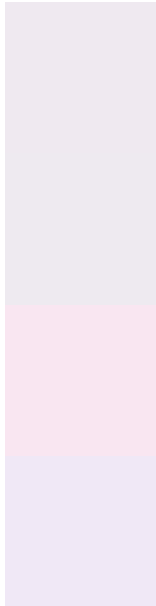
Protanopia
93, 3.293, 309.136

Deuteranopia
93, 11.758, 345.534



Tritanopia
93, 9.852, 309.376

Trichromacy



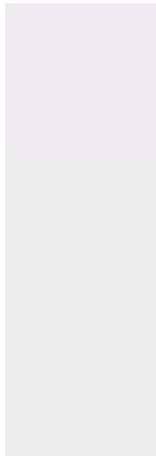
Original Color
93, 4.217, 320.567

Protanomaly
93, 3.426, 314.715

Deuteranomaly
93, 8.852, 340.170

Tritanomaly
93, 7.792, 311.743

Monochromacy



Original Color
93, 4.217, 320.567

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.267, 324.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 4.217, 320.567 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, 233, 240)` looks like.

```
.text, #text, p{  
    color:rgb(239, 233, 240)  
}
```

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, 233, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 233, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 4.217, 320.567 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, 233, 240) }
```

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

```
.border{ border-color:rgb(239, 233, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 233, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 233, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 233, 240);  
box-shadow:4px 4px 4px 4px rgb(239, 233,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 4.217, 320.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 233, 240) }
```

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

```
.background{ background-color: rgb(239,  
233, 240) }
```

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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