

Converting Colors

CIELCh(93, 15.589, 106.345)

Have a look what the booklet for
CIELCh(93, 15.589, 106.345)
contains.

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Color

CIElCh(93, 15.410, 106.175)

Conversions

Conversions Part 1

Format	Color
Hex	EEEECE
RGB	238, 236, 206
RGB Percent	93%, 93%, 81%
CMY	0.0650, 0.0728, 0.1905
CMYK	0.00, 0.01, 0.13, 0.06
HSL	56°, 49%, 87%
HSV	56°, 13%, 94%
XYZ	76.7158, 82.9670, 70.6309
YIQ	233.1780, 10.8220, -8.9060

Conversions

Conversions Part 2

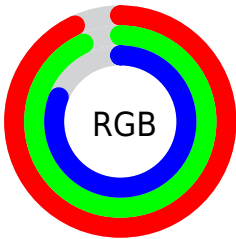
Format	Color
R _Y B	208, 238, 206
Decimal	15658190
CIE Lab	93.00, -4.29, 14.80
CIE LCh	93, 15.410, 106.175
Yxy	82.9670, 0.3331, 0.3602
Android (android.graphics.Color)	4293848270 (0xFFEEECCE)
YUV	233.1780, -13.3988, 4.2289
Hunter-Lab	91.0862, -9.0624, 17.7852

Details

The CIELCh color **93, 15.410, 106.175** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 15.832, 289.067**, 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, 15.124, 105.697** is the 20% darker color. If you saturate the color by 10%, you get **92, 26.840, 105.146**, and if you desaturate by 10%, it is **94, 3.926, 107.186**.

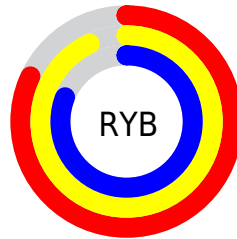
Distribution



Red (93%)

Green (93%)

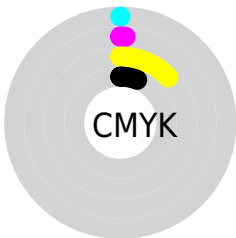
Blue (81%)



Red (82%)

Yellow (93%)

Blue (81%)

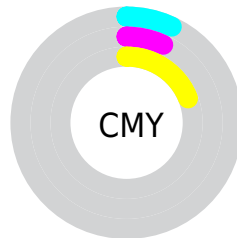


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (6%)



Cyan (7%)


Magenta (7%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 15.410, 106.175 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, 15.410, 106.175 by changing the saturation by 10% instead.


 93, 15.410,
106.175


 93, 15.410,
106.175


 100, 15.410,
106.175


 83, 15.410,
106.175

 73, 15.410,
106.175

 63, 15.410,
106.175

 53, 15.410,
106.175

 43, 15.410,
106.175

 33, 15.410,
106.175

 23, 15.410,

106.175

■ 13, 15.410,
106.175

■ 3, 15.410, 106.175

■ 93, 15.410,
106.175

■ 93, 15.410,
106.175

■ 92, 26.840,
105.146

■ 94, 3.926, 107.186

■ 91, 38.119,
104.107

■ 95, 7.562, 288.223

■ 95, 7.281, 284.070

■ 91, 49.104,
103.081

■ 96, 6.593, 278.806

■ 90, 59.561,
102.091

■ 96, 5.974, 272.401

■ 96, 5.445, 264.653

■ 89, 69.126,
101.161

■ 97, 5.035, 255.466

■ 89, 77.277,
100.321

■ 97, 4.773, 244.991

■ 98, 4.685, 233.740

■ 88, 83.375, 99.596

■ 88, 86.887, 98.996

■ 88, 87.975, 98.656

Harmonies

Complementary

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



93, 15.410, 106.175



84, 15.832, 289.067

Rectangle

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



93, 15.410, 106.175



93, 15.410, 156.175



93, 15.410, 286.175



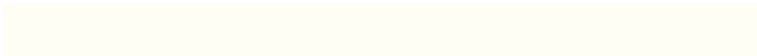
93, 15.410, 336.175

Sweetspot

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



93, 15.412, 106.182



100, 4.843, 107.130



86, 11.938, 14.926



53, 3.443, 107.057



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, 15.412, 106.182



98, 19.390, 105.911



92, 17.244, 126.069



50, 6.551, 106.586



69, 72.376, 98.729



21, 30.273, 99.803

Inverse Universe

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



84, 15.832, 289.067



88, 20.023, 289.401



85, 17.614, 307.367



46, 6.681, 288.593



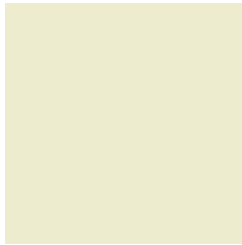
23, 101.727, 305.530



3, 36.168, 297.649

Previews

White Background



This preview shows how the CIELCh color 93, 15.410, 106.175 looks on a white background.

Color Contrast Check

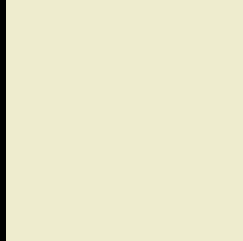
Large Text (above 18pt) WCAG AA × Fail

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, 15.410, 106.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

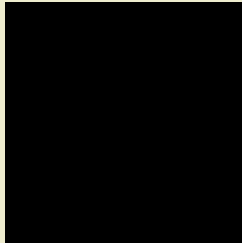
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

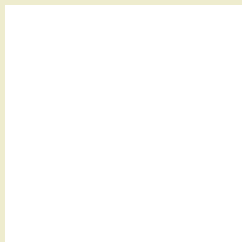
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 15.410, 106.175

Background



This preview shows how black text looks on a background with the CIELCh color 93, 15.410, 106.175.



This preview shows how white text looks on a background with the CIELCh color 93, 15.410, 106.175.

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, 15.410, 106.175

Protanopia

93, 15.555, 92.160

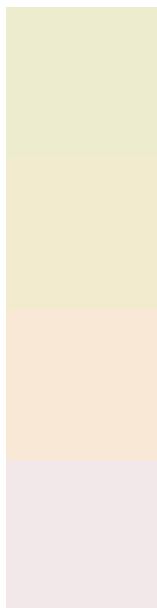
Deuteranopia

93, 10.834, 51.248



Tritanopia
93, 11.022, 317.193

Trichromacy



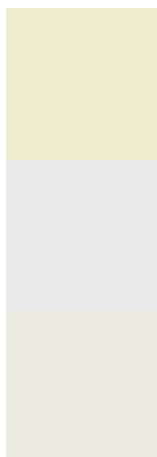
Original Color
93, 15.410, 106.175

Protanomaly
93, 15.177, 97.623

Deuteranomaly
93, 11.195, 75.159

Tritanomaly
93, 3.729, 3.469

Monochromacy



Original Color
93, 15.410, 106.175

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 5.661, 106.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 15.410, 106.175 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(238, 236, 206)` looks like.

```
.text, #text, p{  
    color:rgb(238, 236, 206)  
}
```

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(238, 236, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 236, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 15.410, 106.175 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(238, 236, 206) }
```

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

```
.border{ border-color:rgb(238, 236, 206) }
```

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

Here you see how a box with a 4 pixel rgb(238, 236, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 236, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 236, 206);  
box-shadow:4px 4px 4px 4px rgb(238, 236,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 15.410, 106.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 236, 206) }
```

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

```
.background{ background-color: rgb(238,  
236, 206) }
```

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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