

Converting Colors

CIELCh(93, 5.255, 105.624)

Have a look what the booklet for
CIELCh(93, 5.255, 105.624) contains.

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Color

CIELCh(93, 5.147, 105.738)

Conversions

Conversions Part 1

Format	Color
Hex	ECEBE1
RGB	236, 235, 225
RGB Percent	93%, 92%, 88%
CMY	0.0731, 0.0770, 0.1163
CMYK	0.00, 0.00, 0.05, 0.07
HSL	55°, 23%, 91%
HSV	55°, 5%, 93%
XYZ	78.1568, 82.9670, 83.3795
YIQ	234.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

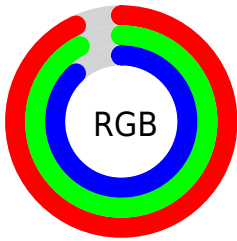
Format	Color
R_{YB}	226, 236, 225
Decimal	15526881
CIE _{Lab}	93.00, -1.40, 4.95
CIE _{LCh}	93, 5.147, 105.738
Yxy	82.9670, 0.3197, 0.3393
Android (android.graphics.Color)	4293716961 (0xFFECEBE1)
YUV	234.1590, -4.5154, 1.6146
Hunter-Lab	91.0862, -6.2385, 9.4868

Details

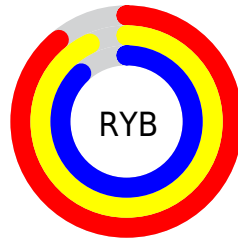
The CIELCh color **93, 5.147, 105.738** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 5.210, 286.776**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 4.878, 105.217** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.236, 104.721**, and if you desaturate by 10%, it is **94, 5.928, 286.822**.

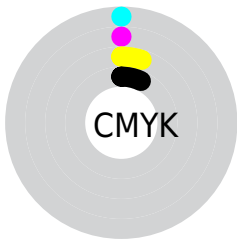
Distribution



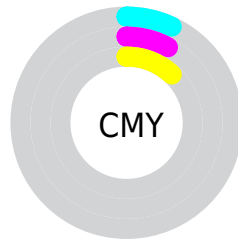
- Red (93%)
- Green (92%)
- Blue (88%)



- Red (89%)
- Yellow (93%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.147, 105.738 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, 5.147, 105.738 by changing the saturation by 10% instead.

■ 93, 5.147, 105.738

■ 93, 5.147, 105.738

■ 100, 5.147,
105.738

■ 83, 5.147, 105.738

■ 73, 5.147, 105.738

■ 63, 5.147, 105.738

■ 53, 5.147, 105.738

■ 43, 5.147, 105.738

■ 33, 5.147, 105.738

■ 23, 5.147, 105.738

■ 13, 5.147, 105.738

■ 3, 5.147, 105.738

93, 5.147, 105.738

93, 5.147, 105.738

92, 16.236,
104.721

94, 5.928, 286.822

91, 27.280,
103.655

95, 7.961, 282.677

95, 7.009, 275.338

90, 38.193,
102.581

96, 6.205, 265.935

89, 48.831,
101.515

96, 5.612, 254.193

97, 5.299, 240.441

88, 58.958,
100.475

98, 5.314, 225.934

88, 68.203, 99.484

98, 5.653, 212.377

87, 76.030, 98.562

99, 6.262, 200.919

86, 81.780, 97.726

86, 84.911, 96.975

Harmonies

Complementary

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



93, 5.147, 105.738



90, 5.210, 286.776

Rectangle

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



93, 5.147, 105.738



93, 5.147, 155.738



93, 5.147, 285.738



93, 5.147, 335.738

Sweetspot

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



93, 5.149, 105.757



100, 1.167, 106.052



91, 4.007, 11.374



53, 0.663, 106.051



0, 0.000, 0.000



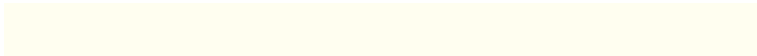
53, 0.007, 296.813

Same Dimension

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



93, 5.149, 105.757



99, 7.062, 105.620



93, 5.887, 125.291



49, 4.375, 105.559



67, 70.281, 96.710



20, 28.280, 98.243

Inverse Universe

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



90, 5.210, 286.776



95, 7.157, 286.924



90, 5.950, 305.716



47, 4.437, 286.990



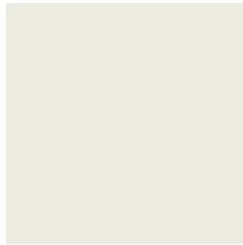
23, 99.134, 305.098



3, 33.490, 296.031

Previews

White Background



This preview shows how the CIELCh color 93, 5.147, 105.738 looks on a white background.

Color Contrast Check

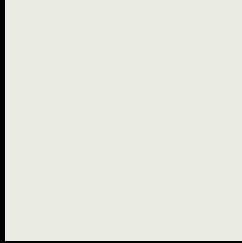
Large Text (above 18pt) WCAG AA × Fail

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, 5.147, 105.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

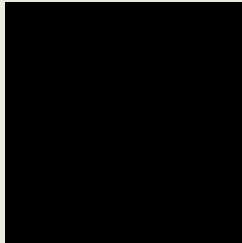
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

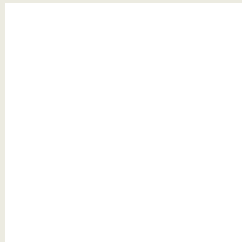
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.147, 105.738

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.147, 105.738.

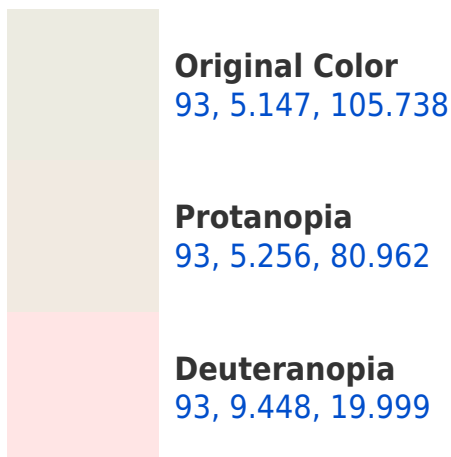


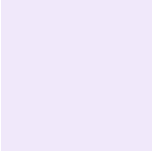
This preview shows how white text looks on a background with the CIELCh color 93, 5.147, 105.738.

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](#).

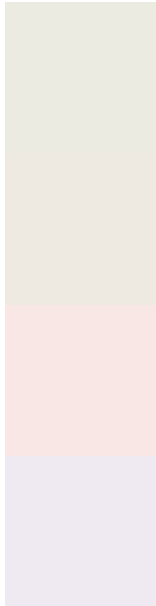
Dichromacy





Tritanopia
93, 9.744, 307.434

Trichromacy



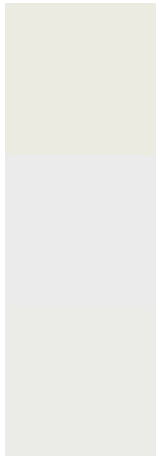
Original Color
93, 5.147, 105.738

Protanomaly
93, 4.951, 88.382

Deuteranomaly
93, 6.340, 33.778

Tritanomaly
93, 4.669, 317.388

Monochromacy



Original Color
93, 5.147, 105.738

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.050, 109.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.147, 105.738 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(236, 235, 225)` looks like.

```
.text, #text, p{  
    color:rgb(236, 235, 225)  
}
```

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(236, 235, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 235, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.147, 105.738 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(236, 235, 225) }
```

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

```
.border{ border-color:rgb(236, 235, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 235, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 235, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 235, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 235,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.147, 105.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 235, 225) }
```

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

```
.background{ background-color: rgb(236,  
235, 225) }
```

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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