

Converting Colors

CIELCh(92, 7.741, 108.667)

Have a look what the booklet for
CIELCh(92, 7.741, 108.667) contains.

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Color

CIELCh(92, 7.724, 109.549)

Conversions

Conversions Part 1

Format	Color
Hex	E9E9DA
RGB	233, 233, 218
RGB Percent	91%, 91%, 85%
CMY	0.0861, 0.0860, 0.1449
CMYK	0.00, 0.00, 0.06, 0.09
HSL	60°, 25%, 88%
HSV	60°, 6%, 91%
XYZ	75.4366, 80.7044, 77.9661
YIQ	231.2900, 4.8150, -4.6650

Conversions

Conversions Part 2

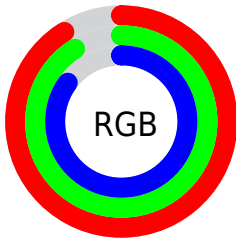
Format	Color
RYB	218, 233, 218
Decimal	15329754
CIELab	92.00, -2.58, 7.28
CIElCh	92, 7.724, 109.549
Yxy	80.7044, 0.3222, 0.3447
Android (android.graphics.Color)	4293519834 (0xFFE9E9DA)
YUV	231.2900, -6.5520, 1.4997
Hunter-Lab	89.8356, -7.3228, 11.4286

Details

The CIELCh color **92, 7.724, 109.549** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87, 7.854, 290.848**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 7.589, 109.422** is the 20% darker color. If you saturate the color by 10%, you get **91, 19.691, 108.594**, and if you desaturate by 10%, it is **93, 4.295, 290.545**.

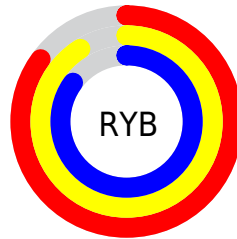
Distribution



Red (91%)

Green (91%)

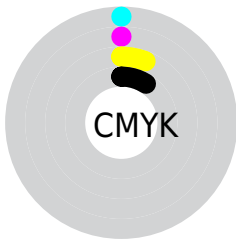
Blue (85%)



Red (85%)

Yellow (91%)

Blue (85%)

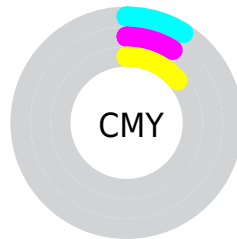


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.724, 109.549 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 92, 7.724, 109.549 by changing the saturation by 10% instead.

■ 92, 7.724, 109.549

■ 92, 7.724, 109.549

■ 100, 7.724,
109.549

■ 82, 7.724, 109.549

■ 72, 7.724, 109.549

■ 62, 7.724, 109.549

■ 52, 7.724, 109.549

■ 42, 7.724, 109.549

■ 32, 7.724, 109.549

■ 22, 7.724, 109.549

■ 12, 7.724, 109.549

■ 2, 7.724, 109.549

92, 7.724, 109.549

92, 7.724, 109.549

91, 19.691,
108.594

93, 4.295, 290.545

91, 31.524,
107.621

93, 11.337,
291.089

91, 43.107,
106.664

93, 11.337,
291.101

90, 54.256,
105.746

93, 11.337,
291.112

90, 64.689,
104.896

93, 11.337,
291.124

90, 73.993,
104.151

93, 11.337,
291.136

90, 81.627,
103.551

93, 11.337,
291.147

90, 87.028,
103.135

93, 11.337,
291.159

■ 90, 89.890,
102.918

■ 93, 11.337,
291.170

Harmonies

Complementary

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



92, 7.724, 109.549



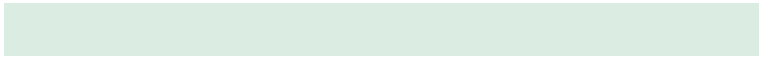
87, 7.854, 290.848

Rectangle

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



92, 7.724, 109.549



92, 7.724, 159.549



92, 7.724, 289.549



92, 7.724, 339.549

Sweetspot

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



92, 7.726, 109.561



100, 2.575, 109.967



88, 5.463, 19.691



53, 1.464, 109.975



0, 0.000, 0.000



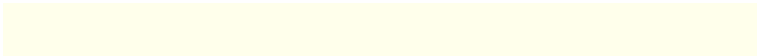
53, 0.007, 296.813

Same Dimension

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



92, 7.726, 109.561



100, 10.326, 109.408



91, 8.226, 128.802



49, 6.852, 109.270



71, 74.937, 102.870



21, 30.655, 103.480

Inverse Universe

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



87, 7.854, 290.848



93, 10.528, 291.018



88, 8.314, 309.338



45, 7.006, 291.175



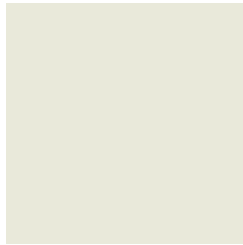
21, 103.473, 306.288



2, 35.735, 297.758

Previews

White Background



This preview shows how the CIELCh color 92, 7.724, 109.549 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 92, 7.724, 109.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

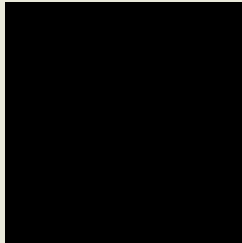
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

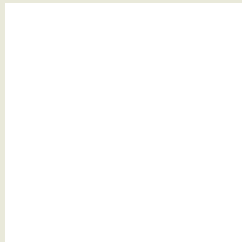
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.724, 109.549

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.724, 109.549.

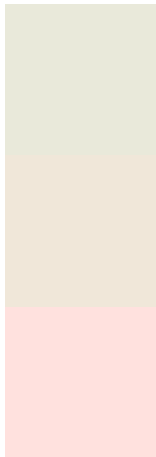


This preview shows how white text looks on a background with the CIELCh color 92, 7.724, 109.549.

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

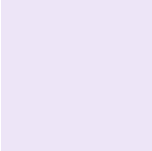
92, 7.724, 109.549

Protanopia

92, 7.915, 84.948

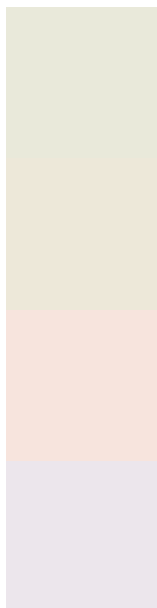
Deuteranopia

92, 11.134, 28.063



Tritanopia
92, 9.768, 307.438

Trichromacy



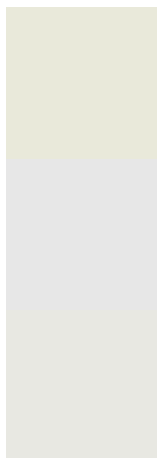
Original Color
92, 7.724, 109.549

Protanomaly
92, 7.927, 96.208

Deuteranomaly
92, 7.828, 47.145

Tritanomaly
92, 3.790, 324.505

Monochromacy



Original Color
92, 7.724, 109.549

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.087, 109.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.724, 109.549 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(233, 233, 218)` looks like.

```
.text, #text, p{  
    color:rgb(233, 233, 218)  
}
```

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(233, 233, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 233, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.724, 109.549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

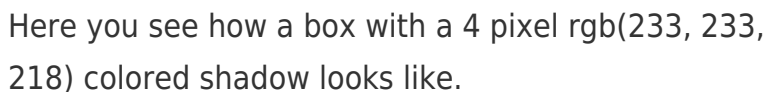
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 233, 218) }
```

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

```
.border{ border-color:rgb(233, 233, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(233, 233, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 233, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 233, 218); box-shadow:4px 4px 4px 4px rgb(233, 233, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.724, 109.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 233, 218) }
```

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

```
.background{ background-color: rgb(233,  
233, 218) }
```

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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