

Converting Colors

CIELCh(92, 6.743, 105.721)

Have a look what the booklet for
CIELCh(92, 6.743, 105.721) contains.

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Color

CIELCh(92, 6.699, 106.524)

Conversions

Conversions Part 1

Format	Color
Hex	EAE9DC
RGB	234, 233, 220
RGB Percent	92%, 91%, 86%
CMY	0.0835, 0.0874, 0.1384
CMYK	0.00, 0.00, 0.06, 0.08
HSL	56°, 25%, 89%
HSV	56°, 6%, 92%
XYZ	75.7691, 80.7044, 79.0910
YIQ	231.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

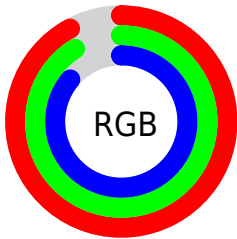
Format	Color
R _Y B	221, 234, 220
Decimal	15395292
CIE Lab	92.00, -1.91, 6.42
CIE LCh	92, 6.699, 106.524
Yxy	80.7044, 0.3216, 0.3426
Android (android.graphics.Color)	4293585372 (0xFFEAE9DC)
YUV	231.8170, -5.8258, 1.9145
Hunter-Lab	89.8356, -6.6620, 10.6862

Details

The CIELCh color **92, 6.699, 106.524** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 6.794, 287.812**, 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, 6.512, 106.149** is the 20% darker color. If you saturate the color by 10%, you get **91, 17.897, 105.513**, and if you desaturate by 10%, it is **93, 4.503, 287.588**.

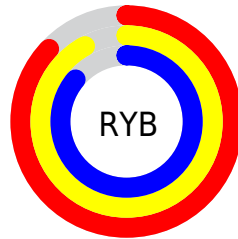
Distribution



Red (92%)

Green (91%)

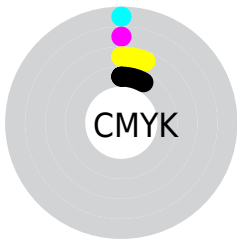
Blue (86%)



Red (87%)

Yellow (92%)

Blue (86%)

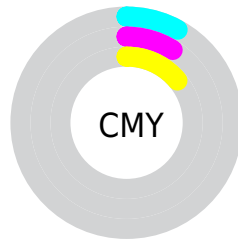


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (8%)



Cyan (8%)

Magenta (9%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.699, 106.524 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, 6.699, 106.524 by changing the saturation by 10% instead.

 92, 6.699, 106.524

 92, 6.699, 106.524

 100, 6.699,
106.524

 82, 6.699, 106.524

 72, 6.699, 106.524

 62, 6.699, 106.524

 52, 6.699, 106.524

 42, 6.699, 106.524

 32, 6.699, 106.524

 22, 6.699, 106.524

 12, 6.699, 106.524

 2, 6.699, 106.524

92, 6.699, 106.524

92, 6.699, 106.524

91, 17.897,
105.513

93, 4.503, 287.588

90, 29.025,
104.467

94, 9.797, 286.293

94, 8.992, 282.160

89, 39.987,
103.419

95, 8.241, 277.259

89, 50.623,
102.387

95, 7.563, 271.443

95, 6.976, 264.584

88, 60.680,
101.393

96, 6.506, 256.622

87, 69.764,
100.461

96, 6.178, 247.641

97, 6.015, 237.938

87, 77.325, 99.618

86, 82.724, 98.885

Harmonies

Complementary

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



92, 6.699, 106.524



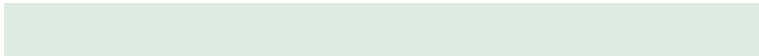
88, 6.794, 287.812

Rectangle

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



92, 6.699, 106.524



92, 6.699, 156.524



92, 6.699, 286.524



92, 6.699, 336.524

Sweetspot

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



92, 6.701, 106.539



100, 2.394, 106.913



89, 5.116, 12.864



53, 1.361, 106.921



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, 6.701, 106.539



99, 8.408, 106.434



92, 7.533, 125.833



49, 5.103, 106.379



68, 71.202, 98.117



20, 28.775, 99.450

Inverse Universe

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



88, 6.794, 287.812



95, 8.537, 287.926



88, 7.621, 306.384



46, 5.185, 287.987



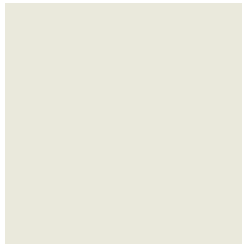
22, 100.203, 305.399



3, 33.968, 296.419

Previews

White Background



This preview shows how the CIELCh color 92, 6.699, 106.524 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, 6.699, 106.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

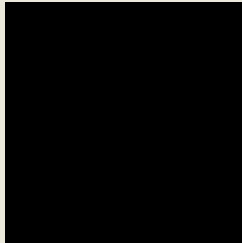
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

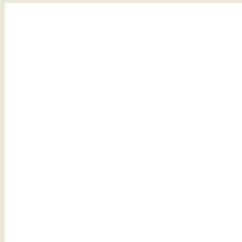
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.699, 106.524

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.699, 106.524.

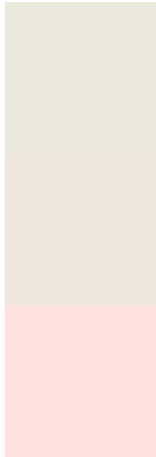


This preview shows how white text looks on a background with the CIELCh color 92, 6.699, 106.524.

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

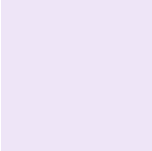
92, 6.699, 106.524

Protanopia

92, 6.821, 84.308

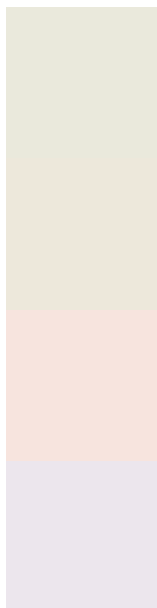
Deuteranopia

92, 11.055, 25.446



Tritanopia
92, 9.876, 309.380

Trichromacy



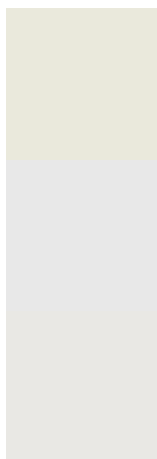
Original Color
92, 6.699, 106.524

Protanomaly
92, 6.925, 94.369

Deuteranomaly
92, 7.593, 43.746

Tritanomaly
92, 4.227, 320.569

Monochromacy



Original Color
92, 6.699, 106.524

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.081, 100.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 6.699, 106.524 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(234, 233, 220)` looks like.

```
.text, #text, p{  
    color:rgb(234, 233, 220)  
}
```

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(234, 233, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 233, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 6.699, 106.524 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(234, 233, 220) }
```

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

```
.border{ border-color:rgb(234, 233, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 233, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 233, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 233, 220);  
box-shadow:4px 4px 4px 4px rgb(234, 233,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 6.699, 106.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 233, 220) }
```

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

```
.background{ background-color: rgb(234,  
233, 220) }
```

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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