

# Converting Colors

CIELCh(92, 6.118, 68.787)

Have a look what the booklet for  
CIELCh(92, 6.118, 68.787) contains.

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# Color

**CIELCh(92, 6.112, 68.791)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F1E6DD
RGB	241, 230, 221
RGB Percent	95%, 90%, 87%
CMY	0.0539, 0.0971, 0.1324
CMYK	0.00, 0.05, 0.08, 0.05
HSL	27°, 42%, 91%
HSV	27°, 8%, 95%
XYZ	77.8054, 80.7044, 80.0508
YIQ	232.2630, 9.4450, -0.4670

# Conversions

## Conversions Part 2

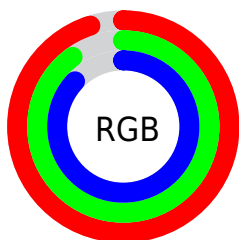
Format	Color
<a href="#">RYB</a>	<a href="#">241, 237, 221</a>
Decimal	<a href="#">15853277</a>
CIELab	<a href="#">92.00, 2.21, 5.70</a>
CIELCh	<a href="#">92, 6.112, 68.791</a>
Yxy	<a href="#">80.7044, 0.3261, 0.3383</a>
Android (android.graphics.Color)	<a href="#">4294043357</a> (0xFFFF1E6DD)
YUV	<a href="#">232.2630, -5.5527, 7.6623</a>
Hunter-Lab	<a href="#">89.8356, -2.6160, 10.0528</a>

# Details

The CIELCh color **92, 6.112, 68.791** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92, 5.959, 250.934**, 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, 6.208, 71.256** is the 20% darker color. If you saturate the color by 10%, you get **88, 13.866, 67.705**, and if you desaturate by 10%, it is **96, 1.236, 250.416**.

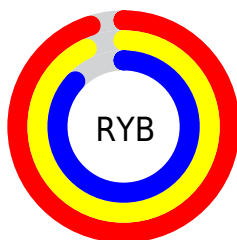
# Distribution



Red (95%)

Green (90%)

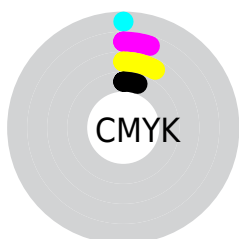
Blue (87%)



Red (95%)

Yellow (93%)

Blue (87%)

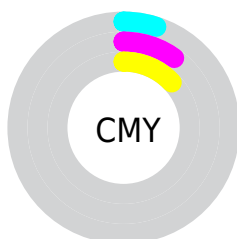


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (5%)



Cyan (5%)

Magenta (10%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.112, 68.791 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, 6.112, 68.791 by changing the saturation by 10% instead.

	92, 6.112, 68.791		92, 6.112, 68.791
	100, 6.112, 68.791		82, 6.112, 68.791
			72, 6.112, 68.791
			62, 6.112, 68.791
			52, 6.112, 68.791
			42, 6.112, 68.791
			32, 6.112, 68.791
			22, 6.112, 68.791
			12, 6.112, 68.791
			2, 6.112, 68.791

	92, 6.112, 68.791		92, 6.112, 68.791
	88, 13.866, 67.705		96, 1.236, 250.416
	84, 22.062, 66.564		99, 4.740, 199.245
	81, 30.725, 65.427		
	77, 39.848, 64.300		
	74, 49.366, 63.175		
	70, 59.084, 62.005		
	67, 68.563, 60.676		
	64, 76.933, 58.934		
	62, 83.041, 56.422		

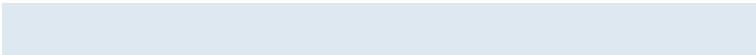
# Harmonies

# Complementary

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



92, 6.112, 68.791



92, 5.959, 250.934

# Rectangle

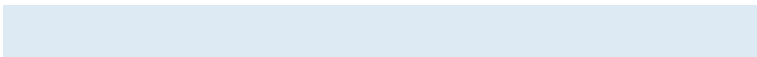
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 6.112, 68.791



92, 6.112, 118.791



92, 6.112, 248.791



92, 6.112, 298.791

# Sweetspot

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



92, 6.112, 68.816



99, 1.511, 69.291



90, 9.194, 341.665



53, 0.859, 69.285



0, 0.000, 0.000



53, 0.007, 296.813

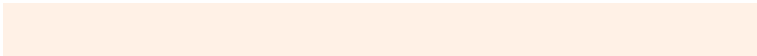


# Same Dimension

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



92, 6.112, 68.816



96, 7.749, 68.629



95, 9.731, 107.262



48, 4.181, 68.690



47, 68.119, 56.697

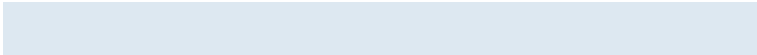


13, 23.512, 56.036

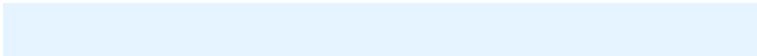


# Inverse Universe

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



92, 5.959, 250.934



95, 7.504, 251.154



89, 9.908, 288.996



48, 4.058, 251.082



42, 50.983, 278.708

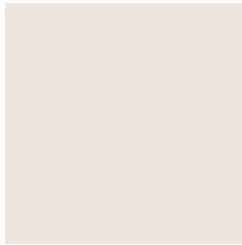


11, 19.600, 270.585



# Previews

## White Background



This preview shows how the CIE LCh color 92, 6.112, 68.791 looks on a white background.

## Color Contrast Check

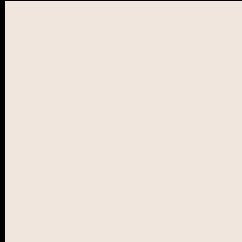
Large Text (above 18pt) WCAG AA × Fail

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 92, 6.112, 68.791 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

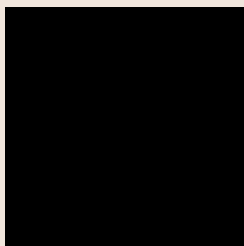
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

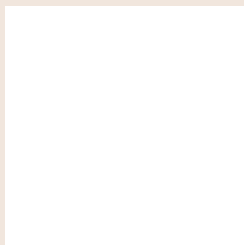
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 92, 6.112, 68.791

## Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.112, 68.791.

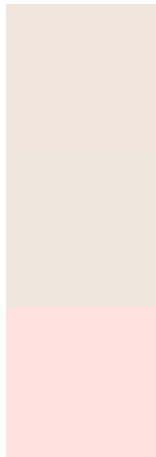


This preview shows how white text looks on a background with the CIELCh color 92, 6.112, 68.791.

# 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, 6.112, 68.791

### Protanopia

92, 5.453, 77.577

### Deuteranopia

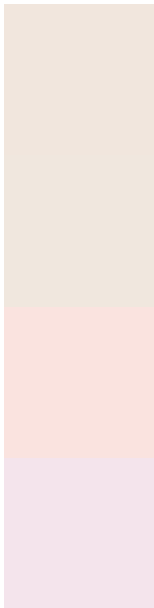
92, 11.001, 22.796



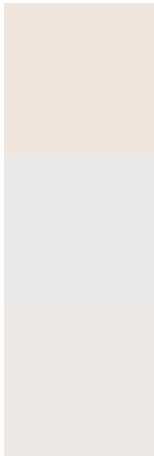
## Tritanopia

92, 11.316, 324.820

# Trichromacy

	<b>Original Color</b> 92, 6.112, 68.791
	<b>Protanomaly</b> 92, 5.655, 74.429
	<b>Deuteranomaly</b> 92, 8.656, 33.639
	<b>Tritanomaly</b> 92, 7.078, 344.130

# Monochromacy

	<b>Original Color</b> 92, 6.112, 68.791
	<b>Achromatopsia</b> 92, 0.011, 296.813
	<b>Achromatomaly</b> 92, 2.091, 66.760

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 92, 6.112, 68.791 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(241, 230, 221) looks like.

```
.text, #text, p{  
    color:rgb(241, 230, 221)  
}
```

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(241, 230, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 230, 221) }
```

## Border

The CSS property to change the border of an element to CIELCh 92, 6.112, 68.791 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(241, 230, 221) }
```

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

```
.border{ border-color:rgb(241, 230, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 230, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 230, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 230, 221);  
box-shadow:4px 4px 4px 4px rgb(241, 230,  
221) }
```

# Background

The CSS property to change the background color of an element to CIELCh 92, 6.112, 68.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 230, 221) }
```

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

```
.background{ background-color: rgb(241,  
230, 221) }
```

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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