

# Converting Colors

CIE LCh(92, 6.176, 142.380)

Have a look what the booklet for  
CIELCh(92, 6.176, 142.380) contains.

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# Color

**CIELCh(92, 6.306, 144.247)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1EBE1
RGB	225, 235, 225
RGB Percent	88%, 92%, 88%
CMY	0.1184, 0.0792, 0.1184
CMYK	0.04, 0.00, 0.04, 0.08
HSL	120°, 20%, 90%
HSV	120°, 4%, 92%
XYZ	74.2050, 80.7044, 82.7596
YIQ	230.8700, -2.7500, -5.2300

# Conversions

## Conversions Part 2

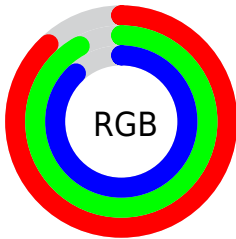
Format	Color
R <sub>Y</sub> B	225, 235, 235
Decimal	14805985
CIE Lab	92.00, -5.12, 3.68
CIE LCh	92, 6.306, 144.247
Yxy	80.7044, 0.3122, 0.3396
Android (android.graphics.Color)	4292996065 (0xFFE1EBE1)
YUV	230.8700, -2.8939, -5.1480
Hunter-Lab	89.8356, -9.7698, 8.2650

# Details

The CIELCh color **92, 6.306, 144.247** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 6.328, 324.631**, 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, 5.976, 144.200** is the 20% darker color. If you saturate the color by 10%, you get **90, 21.272, 143.576**, and if you desaturate by 10%, it is **94, 8.442, 324.706**.

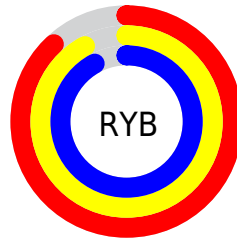
# Distribution



Red (88%)

Green (92%)

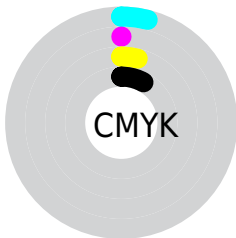
Blue (88%)



Red (88%)

Yellow (92%)

Blue (92%)

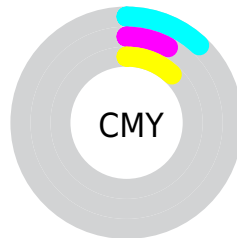


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (8%)



Cyan (12%)

Magenta (8%)

Yellow (12%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 6.306, 144.247 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, 6.306, 144.247 by changing the saturation by 10% instead.



 92, 6.306, 144.247

 92, 6.306, 144.247

 100, 6.306,  
144.247

 82, 6.306, 144.247

 72, 6.306, 144.247

 62, 6.306, 144.247

 52, 6.306, 144.247

 42, 6.306, 144.247

 32, 6.306, 144.247

 22, 6.306, 144.247

 12, 6.306, 144.247

 2, 6.306, 144.247

92, 6.306, 144.247

92, 6.306, 144.247

90, 21.272,  
143.576

94, 8.442, 324.706

88, 36.272,  
142.819

95, 12.603,  
324.855

86, 51.059,  
141.941

85, 65.305,  
140.942

84, 78.592,  
139.841

83, 90.407,  
138.695

82, 100.157,  
137.608

82, 107.243,  
136.728

■ 82, 111.285,  
136.188

# Harmonies

# Complementary

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



92, 6.306, 144.247



90, 6.328, 324.631

# Rectangle

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



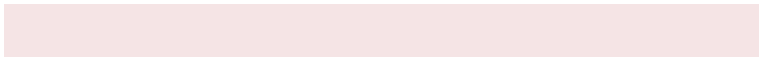
92, 6.306, 144.247



92, 6.306, 194.247



92, 6.306, 324.247



92, 6.306, 14.247

# Sweetspot

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



92, 6.308, 144.247



100, 1.571, 144.584



93, 5.141, 109.755



53, 0.893, 144.598



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, 6.308, 144.247



99, 7.923, 144.195



92, 4.408, 163.405



49, 5.051, 144.152



64, 92.620, 136.016



18, 38.236, 138.277



# Inverse Universe

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



90, 6.328, 324.631



97, 7.944, 324.680



90, 4.445, 343.898



47, 5.063, 324.721



43, 89.361, 328.234

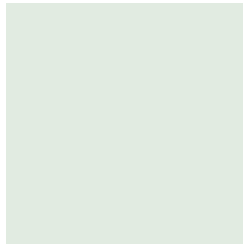


9, 38.266, 328.234



# Previews

## White Background



This preview shows how the CIELCh color 92, 6.306, 144.247 looks on a white background.

## Color Contrast Check

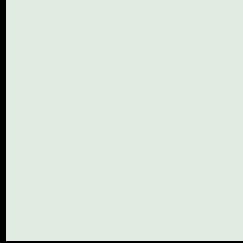
Large Text (above 18pt) WCAG AA × Fail

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, 6.306, 144.247 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

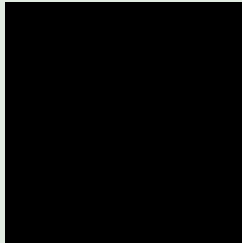
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

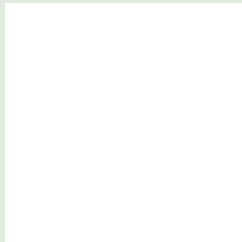
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# **CIELCh 92, 6.306, 144.247**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 92, 6.306, 144.247.

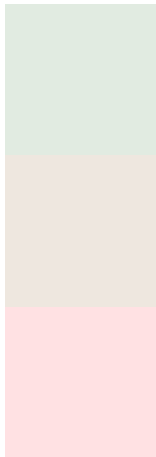


This preview shows how white text looks on a background with the CIELCh color 92, 6.306, 144.247.

# 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, 6.306, 144.247

**Protanopia**  
92, 4.821, 78.074

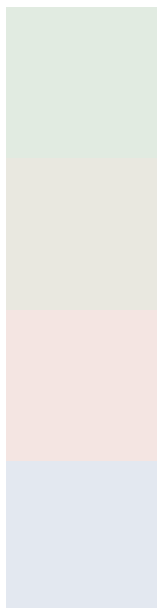
**Deuteranopia**  
92, 10.984, 14.770





**Tritanopia**  
92, 9.332, 286.705

# Trichromacy



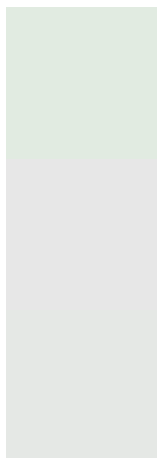
**Original Color**  
92, 6.306, 144.247

**Protanomaly**  
92, 4.131, 104.826

**Deuteranomaly**  
92, 5.641, 35.542

**Tritanomaly**  
92, 4.468, 267.578

# Monochromacy



**Original Color**  
92, 6.306, 144.247

**Achromatopsia**  
92, 0.011, 296.813

**Achromatomaly**  
92, 1.885, 144.523

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 92, 6.306, 144.247 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(225, 235, 225)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 235, 225) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to CIELCh 92, 6.306, 144.247 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(225, 235, 225) }
```

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

```
.border{ border-color:rgb(225, 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(225, 235, 225) colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to CIELCh 92, 6.306, 144.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(225,  
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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