

Converting Colors

CIELCh(92, 4.643, 176.017)

Have a look what the booklet for
CIELCh(92, 4.643, 176.017) contains.

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Color

CIELCh(92, 4.735, 173.338)

Conversions

Conversions Part 1

Format	Color
Hex	DFEBE7
RGB	223, 235, 231
RGB Percent	87%, 92%, 91%
CMY	0.1263, 0.0793, 0.0950
CMYK	0.05, 0.00, 0.02, 0.08
HSL	160°, 23%, 90%
HSV	160°, 5%, 92%
XYZ	74.4057, 80.7044, 87.0980
YIQ	230.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

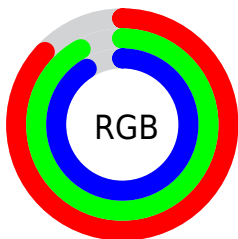
Format	Color
R_{YB}	223, 230, 235
Decimal	14674919
CIE _{Lab}	92.00, -4.70, 0.55
CIE _{LCh}	92, 4.735, 173.338
Y _{xy}	80.7044, 0.3072, 0.3332
Android (android.graphics.Color)	4292864999 (0xFFDFEBE7)
YUV	230.9560, 0.0217, -6.9774
Hunter-Lab	89.8356, -9.3711, 5.4017

Details

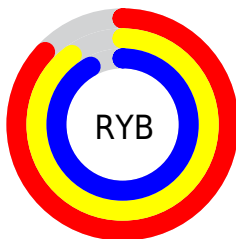
The CIELCh color **92, 4.735, 173.338** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 4.807, 354.041**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 4.653, 171.249** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.929, 172.292**, and if you desaturate by 10%, it is **94, 4.553, 353.990**.

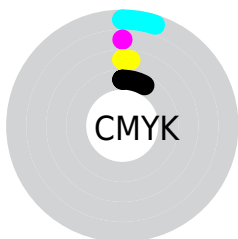
Distribution



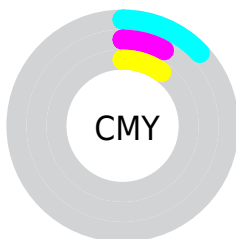
- Red (87%)
- Green (92%)
- Blue (91%)



- Red (87%)
- Yellow (90%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.735, 173.338 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, 4.735, 173.338 by changing the saturation by 10% instead.

 92, 4.735, 173.338

 92, 4.735, 173.338

 100, 4.735,
173.338

 82, 4.735, 173.338

 72, 4.735, 173.338

 62, 4.735, 173.338

 52, 4.735, 173.338

 42, 4.735, 173.338

 32, 4.735, 173.338

 22, 4.735, 173.338

 12, 4.735, 173.338

 2, 4.735, 173.338

92, 4.735, 173.338

92, 4.735, 173.338

90, 13.929,
172.292

94, 4.553, 353.990

95, 9.363, 340.297

89, 22.901,
171.239

95, 12.313,
325.825

87, 31.511,
170.098

95, 12.614,
324.855

86, 39.603,
168.841

85, 47.022,
167.445

84, 53.627,
165.883

84, 59.323,
164.131

83, 64.076,
162.172

■ 83, 67.946,
160.010

Harmonies

Complementary

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



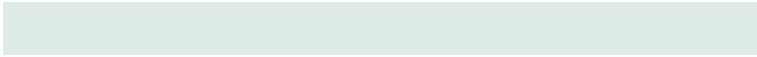
92, 4.735, 173.338



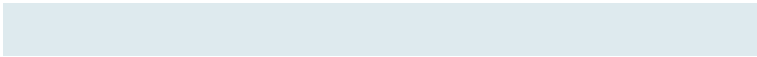
90, 4.807, 354.041

Rectangle

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



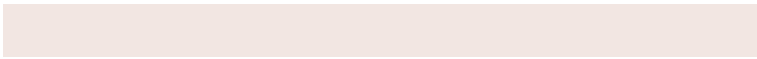
92, 4.735, 173.338



92, 4.735, 223.338



92, 4.735, 353.338



92, 4.735, 43.338

Sweetspot

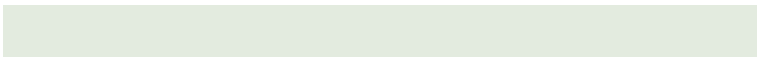
The Sweet Spot groups the original color and five complimentary colors.



92, 4.737, 173.324



100, 1.980, 173.779



92, 6.814, 133.945



53, 1.126, 173.803



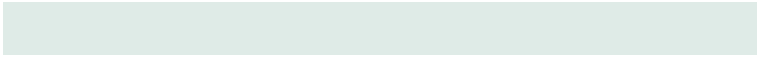
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

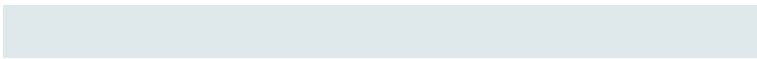
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 4.737, 173.324



99, 5.945, 173.222



92, 3.678, 214.030



49, 3.682, 173.158



65, 56.921, 159.330



19, 22.932, 163.121

Inverse Universe

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



90, 4.807, 354.041



96, 6.044, 354.146



90, 3.796, 33.698



47, 3.748, 354.212



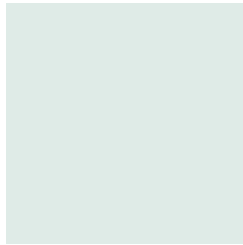
38, 66.801, 17.935



7, 27.812, 7.341

Previews

White Background



This preview shows how the CIELCh color 92, 4.735, 173.338 looks on a white background.

Color Contrast Check

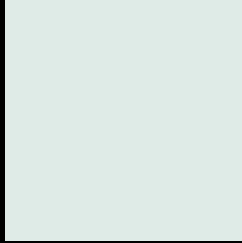
Large Text (above 18pt) WCAG AA × Fail

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, 4.735, 173.338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

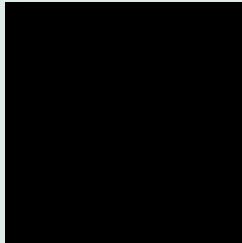
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

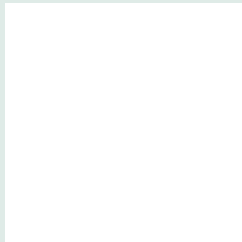
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.735, 173.338

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.735, 173.338.



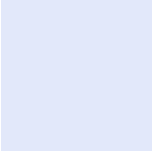
This preview shows how white text looks on a background with the CIELCh color 92, 4.735, 173.338.

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](#).

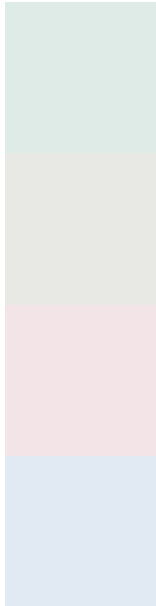
Dichromacy





Tritanopia
92, 9.498, 278.458

Trichromacy



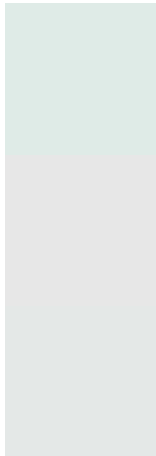
Original Color
92, 4.735, 173.338

Protanomaly
92, 1.538, 110.008

Deuteranomaly
92, 5.779, 358.795

Tritanomaly
92, 5.822, 262.229

Monochromacy



Original Color
92, 4.735, 173.338

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.511, 179.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.735, 173.338 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(223, 235, 231)` looks like.

```
.text, #text, p{  
    color:rgb(223, 235, 231)  
}
```

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(223, 235, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 235, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.735, 173.338 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(223, 235, 231) }
```

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

```
.border{ border-color:rgb(223, 235, 231) }
```

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

Here you see how a box with a 4 pixel rgb(223, 235, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 235, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 235, 231);  
box-shadow:4px 4px 4px 4px rgb(223, 235,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.735, 173.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 235, 231) }
```

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

```
.background{ background-color: rgb(223,  
235, 231) }
```

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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