

Converting Colors

CIELCh(92, 1.951, 107.492)

Have a look what the booklet for
CIELCh(92, 1.951, 107.492) contains.

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Color

CIELCh(92, 2.055, 109.978)

Conversions

Conversions Part 1

Format	Color
Hex	E8E8E4
RGB	232, 232, 228
RGB Percent	91%, 91%, 89%
CMY	0.0890, 0.0890, 0.1047
CMYK	0.00, 0.00, 0.02, 0.09
HSL	60°, 8%, 90%
HSV	60°, 2%, 91%
XYZ	76.3606, 80.7044, 85.1674
YIQ	231.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

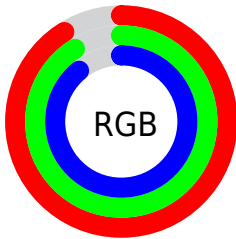
Format	Color
R_{YB}	228, 232, 228
Decimal	15263972
CIE _{Lab}	92.00, -0.70, 1.93
CIE _{LCh}	92, 2.055, 109.978
Y _{xy}	80.7044, 0.3152, 0.3332
Android (android.graphics.Color)	4293454052 (0xFFE8E8E4)
Y _{UV}	231.5440, -1.7472, 0.3999
Hunter-Lab	89.8356, -5.4868, 6.6759

Details

The CIELCh color **92, 2.055, 109.978** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91, 2.086, 290.419**, 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, 1.623, 109.982** is the 20% darker color. If you saturate the color by 10%, you get **91, 14.025, 109.083**, and if you desaturate by 10%, it is **93, 9.941, 291.007**.

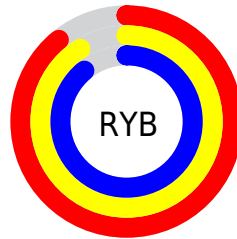
Distribution



Red (91%)

Green (91%)

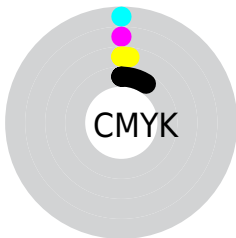
Blue (89%)



Red (89%)

Yellow (91%)

Blue (89%)

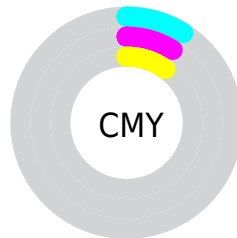


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.055, 109.978 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, 2.055, 109.978 by changing the saturation by 10% instead.

■ 92, 2.055, 109.978

■ 92, 2.055, 109.978

■ 100, 2.055,
109.978

■ 82, 2.055, 109.978

■ 72, 2.055, 109.978

■ 62, 2.055, 109.978

■ 52, 2.055, 109.978

■ 42, 2.055, 109.978

■ 32, 2.055, 109.978

■ 22, 2.055, 109.978

■ 12, 2.055, 109.978

■ 2, 2.055, 109.978

92, 2.055, 109.978

92, 2.055, 109.978

91, 14.025,
109.083

93, 9.941, 291.007

91, 25.900,
108.111

93, 11.734,
291.179

91, 37.588,
107.145

93, 11.734,
291.219

90, 48.940,
106.207

93, 11.734,
291.258

90, 59.726,
105.322

93, 11.734,
291.298

90, 69.598,
104.524

93, 11.734,
291.338

90, 78.072,
103.852

93, 11.735,
291.377

89, 84.575,
103.348

93, 11.735,
291.417

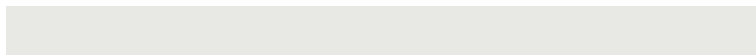
■ 89, 88.632,
103.040

■ 93, 11.735,
291.457

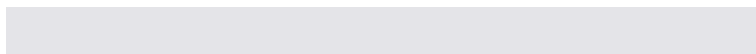
Harmonies

Complementary

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



92, 2.055, 109.978



91, 2.086, 290.419

Rectangle

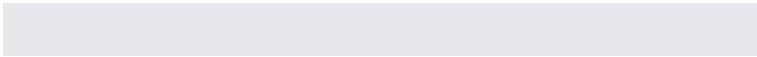
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



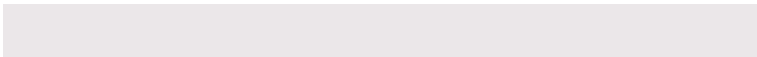
92, 2.055, 109.978



92, 2.055, 159.978



92, 2.055, 289.978



92, 2.055, 339.978

Sweetspot

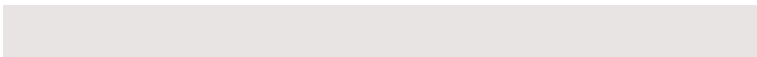
The Sweet Spot groups the original color and five complimentary colors.



92, 2.057, 110.019



100, 1.282, 110.063



91, 1.433, 19.080



53, 0.729, 110.064



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, 2.057, 110.019



100, 2.575, 109.997



92, 2.187, 129.054



49, 1.367, 110.006



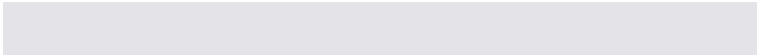
71, 74.938, 102.916



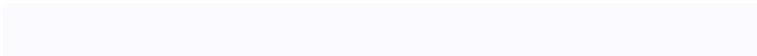
21, 30.655, 103.522

Inverse Universe

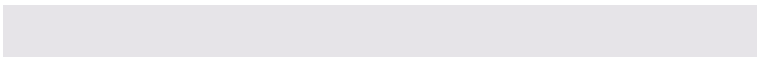
The Inverse Universe completely reimagines the original color for something new.



91, 2.086, 290.419



98, 2.609, 290.443



91, 2.212, 309.084



48, 1.385, 290.433



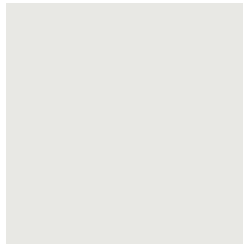
21, 103.470, 306.290



2, 35.736, 297.775

Previews

White Background



This preview shows how the CIE LCh color 92, 2.055, 109.978 looks on a white background.

Color Contrast Check

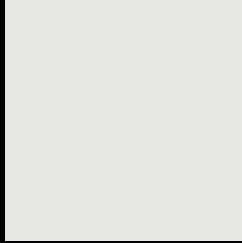
Large Text (above 18pt) WCAG AA × Fail

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, 2.055, 109.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

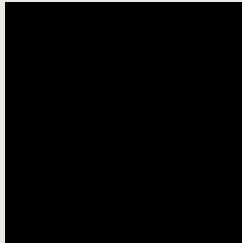
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

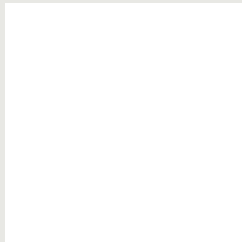
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.055, 109.978

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.055, 109.978.



This preview shows how white text looks on a background with the CIELCh color 92, 2.055, 109.978.

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](#).

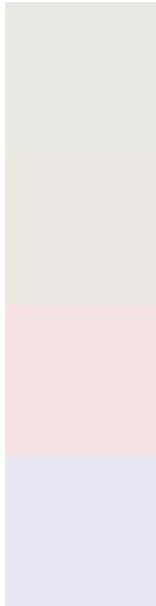
Dichromacy





Tritanopia
92, 9.587, 303.448

Trichromacy



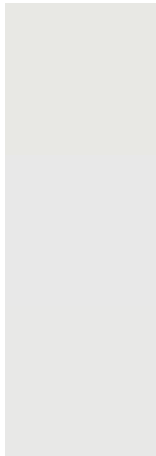
Original Color
92, 2.055, 109.978

Protanomaly
92, 2.496, 74.841

Deuteranomaly
92, 7.306, 11.739

Tritanomaly
92, 5.389, 305.689

Monochromacy



Original Color
92, 2.055, 109.978

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.506, 109.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.055, 109.978 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(232, 232, 228)` looks like.

```
.text, #text, p{  
    color:rgb(232, 232, 228)  
}
```

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(232, 232, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.055, 109.978 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(232, 232, 228) }
```

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

```
.border{ border-color:rgb(232, 232, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 232, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 232, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 232, 228);  
box-shadow:4px 4px 4px 4px rgb(232, 232,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.055, 109.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 232, 228) }
```

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

```
.background{ background-color: rgb(232,  
232, 228) }
```

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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