

Converting Colors

CIELCh(92, 0.493, 152.678)

Have a look what the booklet for
CIELCh(92, 0.493, 152.678) contains.

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Color

CIELCh(92, 0.354, 201.126)

Conversions

Conversions Part 1

Format	Color
Hex	E7E8E8
RGB	231, 232, 232
RGB Percent	91%, 91%, 91%
CMY	0.0932, 0.0893, 0.0893
CMYK	0.00, 0.00, 0.00, 0.09
HSL	180°, 2%, 91%
HSV	180°, 0%, 91%
XYZ	76.5440, 80.7044, 88.0541
YIQ	231.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

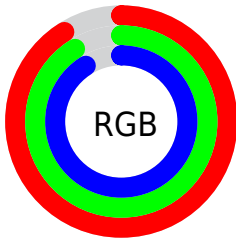
Format	Color
R_{YB}	231, 232, 232
Decimal	15198440
CIE Lab	92.00, -0.33, -0.13
CIE LCh	92, 0.354, 201.126
Yxy	80.7044, 0.3120, 0.3290
Android (android.graphics.Color)	4293388520 (0xFFE7E8E8)
YUV	231.7010, 0.1474, -0.6148
Hunter-Lab	89.8356, -5.1223, 4.7707

Details

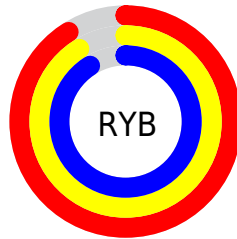
The CIELCh color **92, 0.354, 201.126** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 0.359, 17.396**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 0.372, 200.721** is the 20% darker color. If you saturate the color by 10%, you get **90, 8.395, 198.576**, and if you desaturate by 10%, it is **94, 8.029, 19.567**.

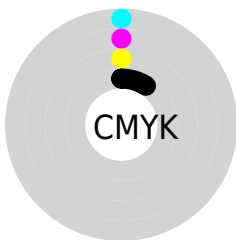
Distribution



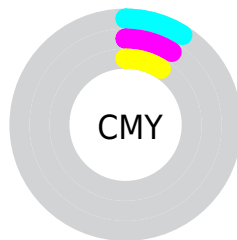
- Red (91%)
- Green (91%)
- Blue (91%)



- Red (91%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 0.354, 201.126 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, 0.354, 201.126 by changing the saturation by 10% instead.

■ 92, 0.354, 201.126

■ 92, 0.354, 201.126

100, 0.354,
201.126

■ 82, 0.354, 201.126

■ 72, 0.354, 201.126

■ 62, 0.354, 201.126

■ 52, 0.354, 201.126

■ 42, 0.354, 201.126

■ 32, 0.354, 201.126

■ 22, 0.354, 201.126

■ 12, 0.354, 201.126

■ 2, 0.354, 201.126

92, 0.354, 201.126

92, 0.354, 201.126

90, 8.395, 198.576

94, 8.029, 19.567

89, 15.970,
198.023

94, 8.231, 19.271

88, 22.947,
197.537

94, 8.231, 18.951

87, 29.192,
197.110

94, 8.231, 18.631

86, 34.579,
196.742

94, 8.232, 17.990

85, 39.006,
196.435

94, 8.232, 17.670

84, 42.412,
196.191

94, 8.233, 17.350

84, 44.788,
196.005

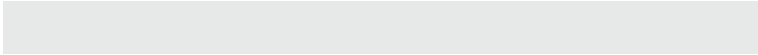
94, 8.234, 17.030

■ 84, 46.193,
195.874

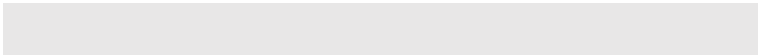
Harmonies

Complementary

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



92, 0.354, 201.126



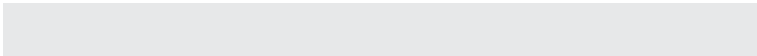
92, 0.359, 17.396

Rectangle

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



92, 0.354, 201.126



92, 0.354, 251.126



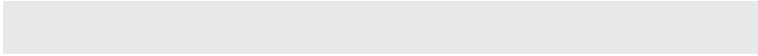
92, 0.354, 21.126



92, 0.354, 71.126

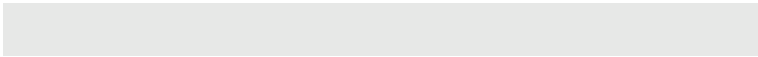
Sweetspot

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



92, 0.355, 200.794

100, 0.012, 296.813



92, 0.621, 144.433



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

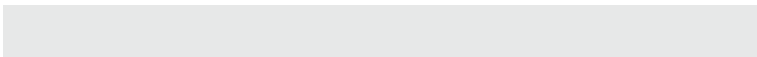
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 0.355, 200.794



100, 0.886, 199.773



92, 0.317, 254.984



49, 0.471, 199.822



67, 38.859, 195.795



19, 16.634, 195.881

Inverse Universe

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



92, 0.359, 17.396



99, 0.895, 18.407



92, 0.302, 72.130



49, 0.475, 18.358



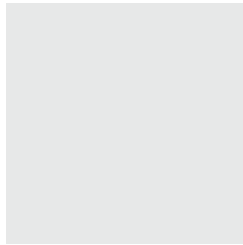
38, 80.671, 39.827



7, 28.518, 22.559

Previews

White Background



This preview shows how the CIELCh color 92, 0.354, 201.126 looks on a white background.

Color Contrast Check

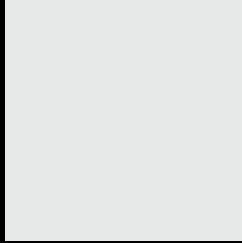
Large Text (above 18pt) WCAG AA × Fail

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, 0.354, 201.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

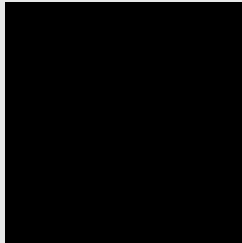
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

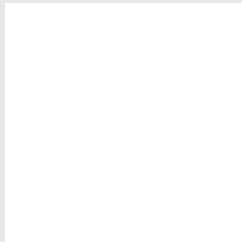
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 0.354, 201.126

Background



This preview shows how black text looks on a background with the CIELCh color 92, 0.354, 201.126.

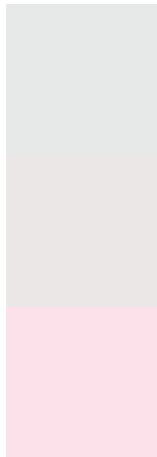


This preview shows how white text looks on a background with the CIELCh color 92, 0.354, 201.126.

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, 0.354, 201.126

Protanopia

92, 1.786, 19.184

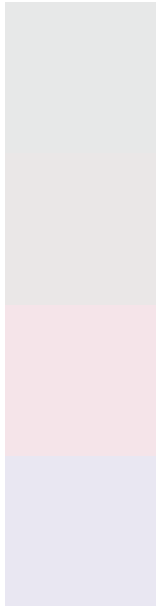
Deuteranopia

92, 11.113, 355.511



Tritanopia
92, 9.445, 299.338

Trichromacy



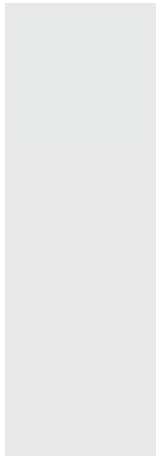
Original Color
92, 0.354, 201.126

Protanomaly
92, 1.070, 18.905

Deuteranomaly
92, 6.639, 356.941

Tritanomaly
92, 5.750, 297.616

Monochromacy



Original Color
92, 0.354, 201.126

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.011, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 0.354, 201.126 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(231, 232, 232)` looks like.

```
.text, #text, p{  
    color:rgb(231, 232, 232)  
}
```

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(231, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 232, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 0.354, 201.126 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(231, 232, 232) }
```

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

```
.border{ border-color:rgb(231, 232, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 232, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 232, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 232, 232);  
box-shadow:4px 4px 4px 4px rgb(231, 232,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 0.354, 201.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 232, 232) }
```

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

```
.background{ background-color: rgb(231,  
232, 232) }
```

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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