

Converting Colors

CIELCh(92, 20.628, 105.500)

Have a look what the booklet for
CIELCh(92, 20.628, 105.500)
contains.

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Color

CIELCh(92, 20.562, 105.351)

Conversions

Conversions Part 1

Format	Color
Hex	EDEAC2
RGB	237, 234, 194
RGB Percent	93%, 92%, 76%
CMY	0.0708, 0.0825, 0.2394
CMYK	0.00, 0.01, 0.18, 0.07
HSL	56°, 54%, 84%
HSV	56°, 18%, 93%
XYZ	74.0476, 80.7044, 62.6847
YIQ	230.3370, 14.6280, -11.8040

Conversions

Conversions Part 2

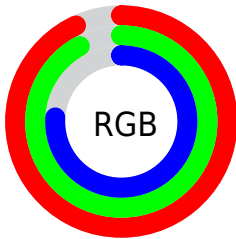
Format	Color
R _{YB}	197, 237, 194
Decimal	15592130
CIE Lab	92.00, -5.44, 19.83
CIE LCh	92, 20.562, 105.351
Yxy	80.7044, 0.3405, 0.3712
Android (android.graphics.Color)	4293782210 (0xFFEDEC2)
YUV	230.3370, -17.9141, 5.8435
Hunter-Lab	89.8356, -10.0826, 21.5141

Details

The CIELCh color **92, 20.562, 105.351** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80, 21.312, 289.360**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **72, 20.535, 104.757** is the 20% darker color. If you saturate the color by 10%, you get **91, 31.805, 104.309**, and if you desaturate by 10%, it is **93, 9.234, 106.389**.

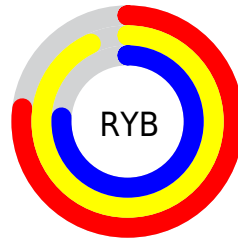
Distribution



Red (93%)

Green (92%)

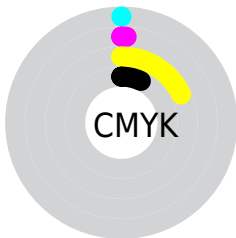
Blue (76%)



Red (77%)

Yellow (93%)

Blue (76%)

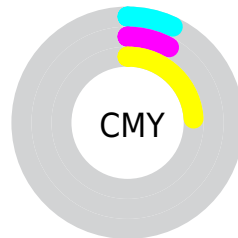


Cyan (0%)

Magenta (1%)

Yellow (18%)

Black (7%)



Cyan (7%)


Magenta (8%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 20.562, 105.351 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, 20.562, 105.351 by changing the saturation by 10% instead.


 92, 20.562,
105.351


 92, 20.562,
105.351


 100, 20.562,
105.351


 82, 20.562,
105.351

 72, 20.562,
105.351

 62, 20.562,
105.351

 52, 20.562,
105.351

 42, 20.562,
105.351

 32, 20.562,
105.351

 22, 20.562,

105.351

■ 12, 20.562,
105.351

■ 2, 20.562, 105.351

■ 92, 20.562,
105.351

■ 92, 20.562,
105.351

■ 91, 31.805,
104.309

■ 93, 9.234, 106.389

■ 90, 42.848,
103.264

■ 94, 2.115, 287.467

■ 95, 8.297, 286.194

■ 90, 53.513,
102.241

■ 95, 7.506, 281.282

■ 89, 63.514,
101.261

■ 96, 6.782, 275.284

■ 96, 6.149, 267.974

■ 88, 72.419,
100.349

■ 96, 5.636, 259.187

■ 88, 79.638, 99.534

■ 97, 5.280, 248.960

■ 87, 84.537, 98.833

■ 97, 5.110, 237.686

■ 87, 86.830, 98.241

■ 87, 87.119, 98.137

Harmonies

Complementary

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



92, 20.562, 105.351



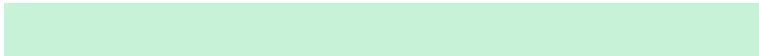
80, 21.312, 289.360

Rectangle

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



92, 20.562, 105.351



92, 20.562, 155.351



92, 20.562, 285.351



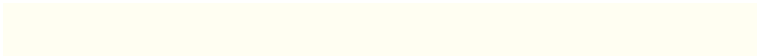
92, 20.562, 335.351

Sweetspot

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



92, 20.564, 105.357



99, 6.012, 106.702



82, 16.335, 14.090



53, 4.103, 106.633



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, 20.564, 105.357



98, 26.440, 104.945



91, 23.103, 125.215



49, 6.389, 106.255



68, 71.274, 98.222



20, 28.813, 99.540

Inverse Universe

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



80, 21.312, 289.360



83, 27.632, 289.910



81, 23.793, 307.049



45, 6.513, 288.269



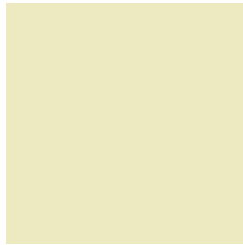
22, 100.278, 305.420



3, 34.005, 296.448

Previews

White Background



This preview shows how the CIE LCh color 92, 20.562, 105.351 looks on a white background.

Color Contrast Check

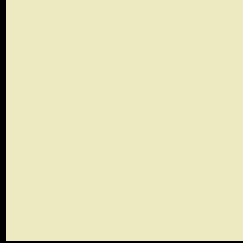
Large Text (above 18pt) WCAG AA × Fail

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, 20.562, 105.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

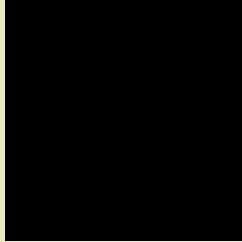
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

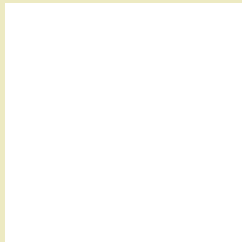
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 20.562, 105.351

Background



This preview shows how black text looks on a background with the CIELCh color 92, 20.562, 105.351.



This preview shows how white text looks on a background with the CIELCh color 92, 20.562, 105.351.

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, 20.562, 105.351

Protanopia

92, 20.269, 93.300

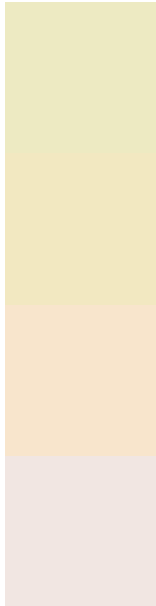
Deuteranopia

92, 13.675, 56.881



Tritanopia
92, 11.122, 323.300

Trichromacy



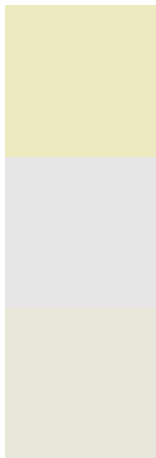
Original Color
92, 20.562, 105.351

Protanomaly
92, 20.404, 97.792

Deuteranomaly
92, 14.747, 80.112

Tritanomaly
92, 4.464, 46.995

Monochromacy



Original Color
92, 20.562, 105.351

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 7.249, 103.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 20.562, 105.351 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(237, 234, 194)` looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 194)  
}
```

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(237, 234, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 20.562, 105.351 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(237, 234, 194) }
```

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

```
.border{ border-color:rgb(237, 234, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 234, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 194);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 20.562, 105.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 194) }
```

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

```
.background{ background-color: rgb(237,  
234, 194) }
```

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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