

Converting Colors

CIELCh(92, 30.020, 106.774)

Have a look what the booklet for
CIELCh(92, 30.020, 106.774)
contains.

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Color

CIELCh(92, 29.664, 106.282)

Conversions

Conversions Part 1

Format	Color
Hex	EDEBB1
RGB	237, 235, 177
RGB Percent	93%, 92%, 69%
CMY	0.0700, 0.0779, 0.3054
CMYK	0.00, 0.01, 0.25, 0.07
HSL	58°, 63%, 81%
HSV	58°, 25%, 93%
XYZ	72.6689, 80.7044, 53.4115
YIQ	228.9860, 19.8100, -17.6140

Conversions

Conversions Part 2

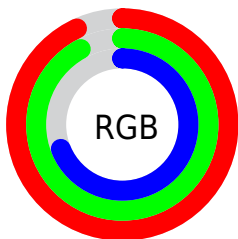
Format	Color
RYB	179, 237, 177
Decimal	15592369
CIELab	92.00, -8.32, 28.47
CIELCh	92, 29.664, 106.282
Yxy	80.7044, 0.3514, 0.3903
Android (android.graphics.Color)	4293782449 (0xFFEDEBB1)
YUV	228.9860, -25.6291, 7.0283
Hunter-Lab	89.8356, -12.8221, 27.6343

Details

The CIELCh color **92, 29.664, 106.282** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75, 31.383, 291.902**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **72, 29.498, 105.635** is the 20% darker color. If you saturate the color by 10%, you get **91, 41.128, 105.285**, and if you desaturate by 10%, it is **93, 18.002, 107.294**.

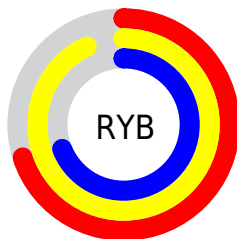
Distribution



Red (93%)

Green (92%)

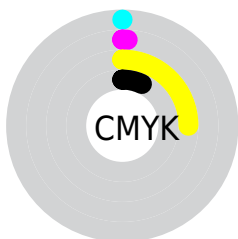
Blue (69%)



Red (70%)

Yellow (93%)

Blue (69%)

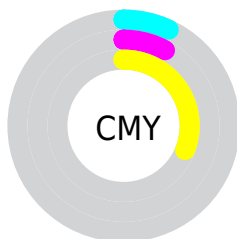


Cyan (0%)

Magenta (1%)

Yellow (25%)

Black (7%)



Cyan (7%)


Magenta (8%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 29.664, 106.282 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, 29.664, 106.282 by changing the saturation by 10% instead.


 92, 29.664,
106.282


 92, 29.664,
106.282

 100, 29.664,
106.282


 82, 29.664,
106.282

 72, 29.664,
106.282

 62, 29.664,
106.282

 52, 29.664,
106.282

 42, 29.664,
106.282

 32, 29.664,
106.282

 22, 29.664,

106.282

■ 12, 29.664,
106.282

■ 2, 29.664, 106.282

■ 92, 29.664,
106.282

■ 92, 29.664,
106.282

■ 91, 41.128,
105.285

■ 93, 18.002,
107.294

■ 91, 52.221,
104.310

■ 93, 6.242, 108.286

■ 90, 62.681,
103.386

■ 94, 5.548, 289.296

■ 95, 8.599, 288.205

■ 90, 72.111,
102.545

■ 95, 8.202, 286.152

■ 90, 79.966,
101.821

■ 95, 7.817, 283.896

■ 89, 85.633,
101.246

■ 95, 7.445, 281.414

■ 89, 88.695,
100.835

■ 95, 7.089, 278.681

■ 89, 89.473,
100.681

■ 96, 6.750, 275.670

Harmonies

Complementary

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



92, 29.664, 106.282



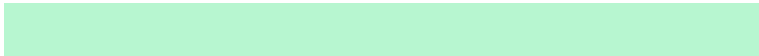
75, 31.383, 291.902

Rectangle

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



92, 29.664, 106.282



92, 29.664, 156.282



92, 29.664, 286.282



92, 29.664, 336.282

Sweetspot

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



92, 29.666, 106.286



99, 9.988, 108.019



78, 23.370, 18.812



53, 7.098, 107.869



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, 29.666, 106.286



98, 37.207, 105.802



91, 32.562, 126.694



49, 6.629, 107.878



70, 73.125, 100.719



21, 29.765, 101.664

Inverse Universe

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



75, 31.383, 291.902



76, 39.860, 292.645



76, 33.818, 309.167



45, 6.769, 289.833



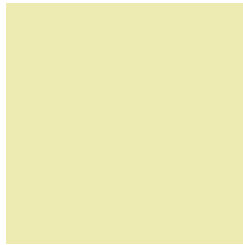
22, 101.943, 305.877



3, 34.906, 297.145

Previews

White Background



This preview shows how the CIELCh color 92, 29.664, 106.282 looks on a white background.

Color Contrast Check

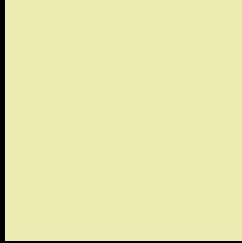
Large Text (above 18pt) WCAG AA × Fail

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, 29.664, 106.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

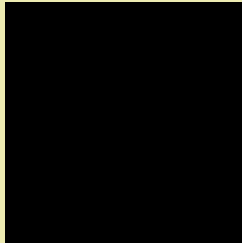
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

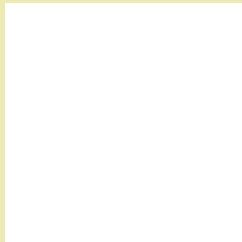
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 29.664, 106.282

Background



This preview shows how black text looks on a background with the CIELCh color 92, 29.664, 106.282.

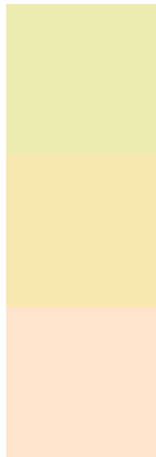


This preview shows how white text looks on a background with the CIELCh color 92, 29.664, 106.282.

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

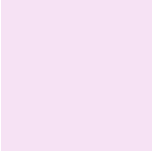
92, 29.664, 106.282

Protanopia

92, 29.395, 95.548

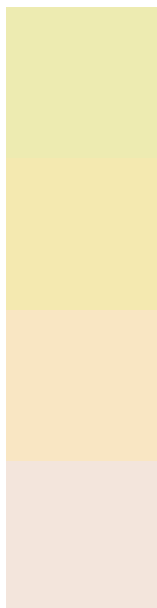
Deuteranopia

92, 15.548, 66.407



Tritanopia
92, 11.736, 327.716

Trichromacy



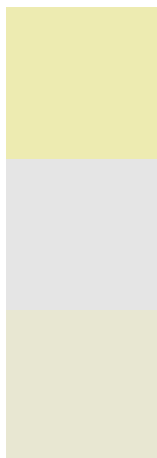
Original Color
92, 29.664, 106.282

Protanomaly
92, 29.507, 99.444

Deuteranomaly
92, 19.440, 86.807

Tritanomaly
92, 6.893, 61.823

Monochromacy



Original Color
92, 29.664, 106.282

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 10.832, 107.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 29.664, 106.282 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, 235, 177)` looks like.

```
.text, #text, p{  
    color:rgb(237, 235, 177)  
}
```

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, 235, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 235, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 29.664, 106.282 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, 235, 177) }
```

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

```
.border{ border-color:rgb(237, 235, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 235, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 235, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 235, 177);  
box-shadow:4px 4px 4px 4px rgb(237, 235,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 29.664, 106.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 235, 177) }
```

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

```
.background{ background-color: rgb(237,  
235, 177) }
```

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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