

Converting Colors

CIE LCh(92, 32.008, 102.104)

Have a look what the booklet for
CIELCh(92, 32.008, 102.104)
contains.

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Color

CIELCh(92, 31.845, 101.964)

Conversions

Conversions Part 1

Format	Color
Hex	F2EAAC
RGB	242, 234, 172
RGB Percent	95%, 92%, 67%
CMY	0.0510, 0.0823, 0.3255
CMYK	0.00, 0.03, 0.29, 0.05
HSL	53°, 73%, 81%
HSV	53°, 29%, 95%
XYZ	73.4899, 80.7044, 50.7360
YIQ	229.3240, 24.6700, -17.5860

Conversions

Conversions Part 2

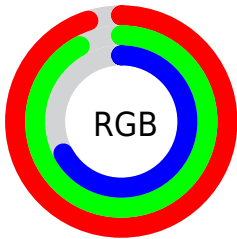
Format	Color
R_{YB}	181, 242, 172
Decimal	15919788
CIE _{Lab}	92.00, -6.60, 31.15
CIE _{LCh}	92, 31.845, 101.964
Y _{xy}	80.7044, 0.3586, 0.3938
Android (android.graphics.Color)	4294109868 (0xFFFF2EAAAC)
YUV	229.3240, -28.2607, 11.1169
Hunter-Lab	89.8356, -11.1907, 29.4001

Details

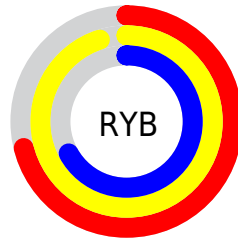
The CIELCh color **92, 31.845, 101.964** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75, 33.553, 288.951**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.663, 109.145**, and **72, 31.748, 101.720** is the 20% darker color. If you saturate the color by 10%, you get **91, 42.669, 100.861**, and if you desaturate by 10%, it is **93, 20.866, 103.069**.

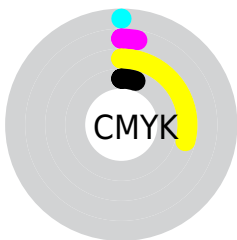
Distribution



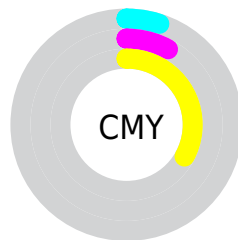
- Red (95%)
- Green (92%)
- Blue (67%)



- Red (71%)
- Yellow (95%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (8%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 31.845, 101.964 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, 31.845, 101.964 by changing the saturation by 10% instead.


 92, 31.845,
101.964


 92, 31.845,
101.964


 100, 31.845,
101.964


 82, 31.845,
101.964

 72, 31.845,
101.964

 62, 31.845,
101.964

 52, 31.845,
101.964

 42, 31.845,
101.964

 32, 31.845,
101.964

 22, 31.845,

101.964

■ 12, 31.845,
101.964

■ 2, 31.845, 101.964

■ 92, 31.845,
101.964

■ 92, 31.845,
101.964

■ 91, 42.669,
100.861

■ 93, 20.866,
103.069

■ 90, 53.157, 99.761

■ 94, 9.831, 104.148

■ 89, 63.027, 98.686

■ 96, 1.196, 285.328

■ 88, 71.834, 97.653

■ 97, 5.183, 278.836

■ 87, 78.953, 96.674

■ 97, 4.154, 261.569

■ 86, 83.691, 95.751

■ 98, 3.690, 237.021

■ 86, 85.774, 94.861

■ 99, 3.990, 211.457

■ 86, 85.932, 94.766

■ 99, 4.481, 199.269

Harmonies

Complementary

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



92, 31.845, 101.964



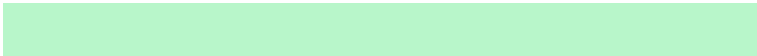
75, 33.553, 288.951

Rectangle

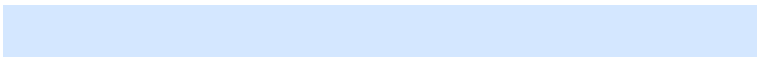
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 31.845, 101.964



92, 31.845, 151.964



92, 31.845, 281.964



92, 31.845, 331.964

Sweetspot

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



92, 31.847, 101.968



99, 10.344, 104.137



77, 27.451, 12.832



53, 7.190, 103.982



0, 0.000, 0.000



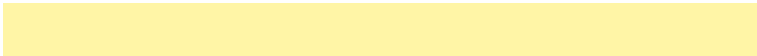
53, 0.007, 296.813

Same Dimension

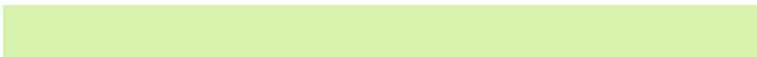
The Same Dimension uses a secret algorithm to generate beautiful new colors.



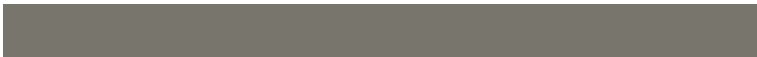
92, 31.847, 101.968



96, 40.114, 101.284



92, 37.085, 123.389



50, 6.212, 104.090



67, 69.941, 94.919



20, 28.949, 96.524

Inverse Universe

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



75, 33.553, 288.951



74, 42.859, 290.027



75, 39.042, 306.583



46, 6.318, 286.186



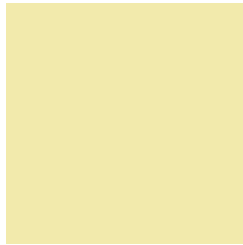
24, 98.700, 304.679



4, 34.816, 296.656

Previews

White Background



This preview shows how the CIE LCh color 92, 31.845, 101.964 looks on a white background.

Color Contrast Check

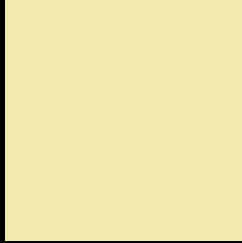
Large Text (above 18pt) WCAG AA × Fail

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, 31.845, 101.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

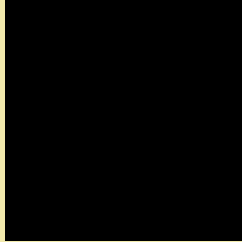
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 31.845, 101.964

Background



This preview shows how black text looks on a background with the CIELCh color 92, 31.845, 101.964.



This preview shows how white text looks on a background with the CIELCh color 92, 31.845, 101.964.

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, 31.845, 101.964

Protanopia

92, 31.965, 95.543

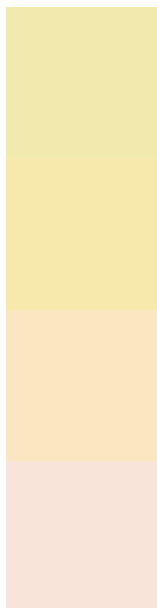
Deuteranopia

92, 15.943, 67.589



Tritanopia
92, 12.785, 336.931

Trichromacy



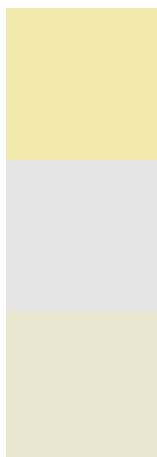
Original Color
92, 31.845, 101.964

Protanomaly
92, 32.132, 98.451

Deuteranomaly
92, 21.031, 87.193

Tritanomaly
92, 9.299, 57.216

Monochromacy



Original Color
92, 31.845, 101.964

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 11.901, 103.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 31.845, 101.964 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(242, 234, 172)` looks like.

```
.text, #text, p{  
    color:rgb(242, 234, 172)  
}
```

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(242, 234, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 234, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 31.845, 101.964 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(242, 234, 172) }
```

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

```
.border{ border-color:rgb(242, 234, 172) }
```

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

Here you see how a box with a 4 pixel rgb(242, 234, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 234, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 234, 172);  
box-shadow:4px 4px 4px 4px rgb(242, 234,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 31.845, 101.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 234, 172) }
```

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

```
.background{ background-color: rgb(242,  
234, 172) }
```

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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