

Converting Colors

CIELCh(92, 29.333, 87.289)

Have a look what the booklet for
CIELCh(92, 29.333, 87.289) contains.

CIELCh(92, 29.161, 87.431)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(92, 29.161, 87.431)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5B0
RGB	255, 229, 176
RGB Percent	100%, 90%, 69%
CMY	0.0000, 0.1006, 0.3085
CMYK	0.00, 0.10, 0.31, 0.00
HSL	40°, 100%, 85%
HSV	40°, 31%, 100%
XYZ	77.3551, 80.7044, 52.7464
YIQ	230.7320, 32.5090, -10.9710

Conversions

Conversions Part 2

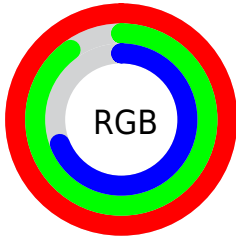
Format	Color
R _Y B	215, 255, 176
Decimal	16770480
CIE Lab	92.00, 1.31, 29.13
CIE LCh	92, 29.161, 87.431
Yxy	80.7044, 0.3669, 0.3828
Android (android.graphics.Color)	4294960560 (0xFFFFE5B0)
YUV	230.7320, -26.9829, 21.2830
Hunter-Lab	89.8356, -3.5108, 28.0732

Details

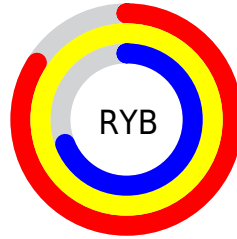
The CIELCh color **92, 29.161, 87.431** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 28.996, 276.549**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **72, 29.255, 88.076** is the 20% darker color. If you saturate the color by 10%, you get **89, 38.856, 86.319**, and if you desaturate by 10%, it is **95, 19.485, 89.032**.

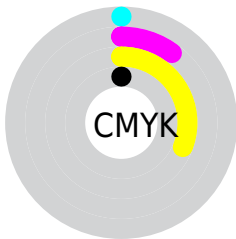
Distribution



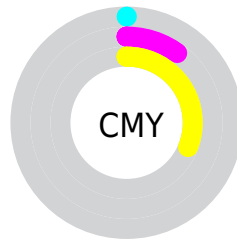
- Red (100%)
- Green (90%)
- Blue (69%)



- Red (84%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (10%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 29.161, 87.431 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, 29.161, 87.431 by changing the saturation by 10% instead.

 92, 29.161, 87.431

 92, 29.161, 87.431

 100, 29.161,
87.431

 82, 29.161, 87.431

 72, 29.161, 87.431

 62, 29.161, 87.431

 52, 29.161, 87.431

 42, 29.161, 87.431

 32, 29.161, 87.431

 22, 29.161, 87.431

 12, 29.161, 87.431

 2, 29.161, 87.431

92, 29.161, 87.431

92, 29.161, 87.431

89, 38.856, 86.319

95, 19.485, 89.032

87, 48.609, 84.897

97, 10.032, 90.317

85, 58.150, 83.418

100, 0.768, 91.229

83, 67.068, 81.845

100, 0.012,
296.813

80, 74.674, 80.094

78, 80.013, 78.014

77, 82.540, 75.720

Harmonies

Complementary

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



92, 29.161, 87.431



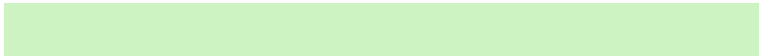
81, 28.996, 276.549

Rectangle

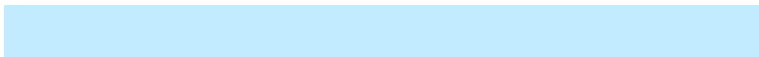
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 29.161, 87.431



92, 29.161, 137.431



92, 29.161, 267.431



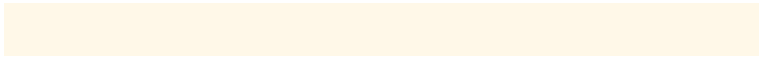
92, 29.161, 317.431

Sweetspot

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



92, 29.110, 87.697



98, 8.304, 90.547



80, 32.343, 357.114



52, 5.780, 90.367



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

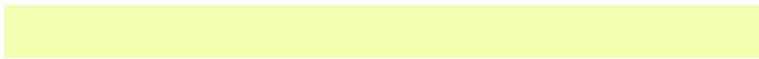
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 29.110, 87.697



90, 35.095, 86.854



97, 39.804, 114.443



52, 5.249, 90.485



59, 66.507, 76.256



19, 28.194, 79.020

Inverse Universe

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



81, 28.996, 276.549



77, 34.965, 277.826



76, 42.777, 299.499



50, 5.251, 272.984



32, 79.896, 297.089



8, 32.055, 292.017

Previews

White Background



This preview shows how the CIELCh color 92, 29.161, 87.431 looks on a white background.

Color Contrast Check

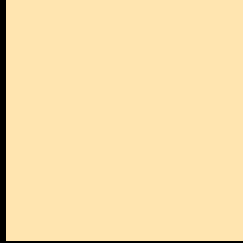
Large Text (above 18pt) WCAG AA × Fail

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, 29.161, 87.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

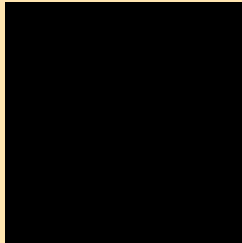
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 29.161, 87.431

Background



This preview shows how black text looks on a background with the CIELCh color 92, 29.161, 87.431.



This preview shows how white text looks on a background with the CIELCh color 92, 29.161, 87.431.

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, 29.161, 87.431

Protanopia

92, 28.898, 95.391

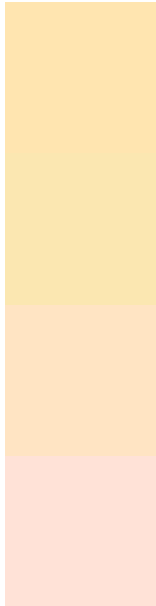
Deuteranopia

92, 15.548, 66.407



Tritanopia
92, 13.007, 349.317

Trichromacy



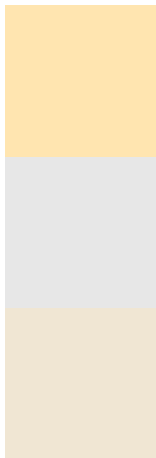
Original Color
92, 29.161, 87.431

Protanomaly
92, 28.827, 92.159

Deuteranomaly
92, 19.961, 77.571

Tritanomaly
92, 12.197, 47.597

Monochromacy



Original Color
92, 29.161, 87.431

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 10.459, 88.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 29.161, 87.431 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(255, 229, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 176)  
}
```

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(255, 229, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 29.161, 87.431 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(255, 229, 176) }
```

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

```
.border{ border-color:rgb(255, 229, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 176); box-shadow:4px 4px 4px 4px rgb(255, 229, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 29.161, 87.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 176) }
```

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

```
.background{ background-color: rgb(255,  
229, 176) }
```

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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