

Converting Colors

CIELCh(92, 20.341, 77.233)

Have a look what the booklet for
CIELCh(92, 20.341, 77.233) contains.

CIELCh(92, 20.412, 78.243)	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, 20.412, 78.243)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4C2
RGB	255, 228, 194
RGB Percent	100%, 89%, 76%
CMY	0.0000, 0.1055, 0.2389
CMYK	0.00, 0.11, 0.24, 0.00
HSL	33°, 100%, 88%
HSV	33°, 24%, 100%
XYZ	78.7816, 80.7044, 62.5093
YIQ	232.1970, 27.0060, -4.8500

Conversions

Conversions Part 2

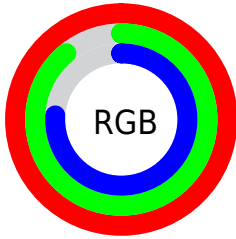
Format	Color
R_{YB}	242, 255, 194
Decimal	16770242
CIE _{Lab}	92.00, 4.16, 19.98
CIE _{LCh}	92, 20.412, 78.243
Y _{xy}	80.7044, 0.3549, 0.3635
Android (android.graphics.Color)	4294960322 (0xFFFFE4C2)
Y _{UV}	232.1970, -18.8311, 19.9982
Hunter-Lab	89.8356, -0.6764, 21.6299

Details

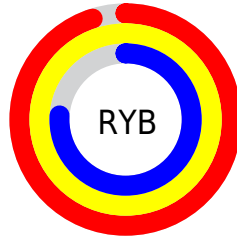
The CIELCh color **92, 20.412, 78.243** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 19.557, 265.116**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **72, 20.704, 78.700** is the 20% darker color. If you saturate the color by 10%, you get **89, 29.481, 76.981**, and if you desaturate by 10%, it is **95, 11.636, 79.637**.

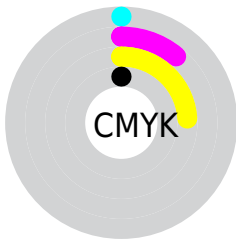
Distribution



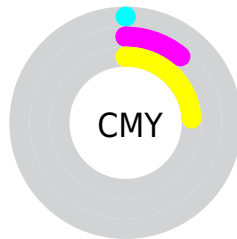
- Red (100%)
- Green (89%)
- Blue (76%)



- Red (95%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 20.412, 78.243 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, 20.412, 78.243 by changing the saturation by 10% instead.

 92, 20.412, 78.243

 92, 20.412, 78.243

 100, 20.412,
78.243

 82, 20.412, 78.243

 72, 20.412, 78.243

 62, 20.412, 78.243

 52, 20.412, 78.243

 42, 20.412, 78.243

 32, 20.412, 78.243

 22, 20.412, 78.243

 12, 20.412, 78.243

 2, 20.412, 78.243

92, 20.412, 78.243

92, 20.412, 78.243

89, 29.481, 76.981

95, 11.636, 79.637

86, 38.867, 75.602

99, 3.193, 80.838

83, 48.473, 74.184

100, 0.012,
296.813

80, 58.103, 72.699

77, 67.352, 71.073

74, 75.471, 69.148

71, 81.351, 66.647

70, 83.758, 64.817

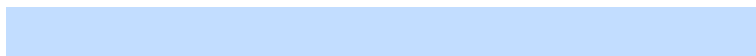
Harmonies

Complementary

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



92, 20.412, 78.243



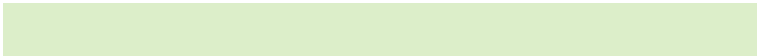
87, 19.557, 265.116

Rectangle

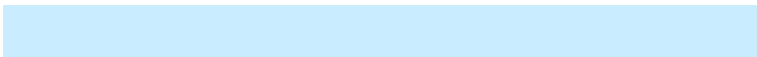
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 20.412, 78.243



92, 20.412, 128.243



92, 20.412, 258.243



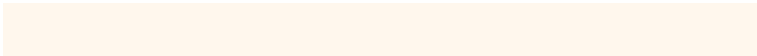
92, 20.412, 308.243

Sweetspot

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



92, 20.396, 78.328



98, 5.785, 80.495



85, 26.395, 348.715



52, 3.764, 80.423



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

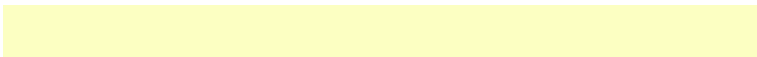
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 20.396, 78.328



90, 24.998, 77.644



98, 30.714, 110.000



51, 4.722, 80.191



54, 67.314, 65.499



17, 27.122, 67.681

Inverse Universe

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



87, 19.557, 265.116



84, 23.729, 266.099



81, 32.505, 294.718



50, 4.657, 262.781



38, 65.338, 289.376



11, 26.349, 283.301

Previews

White Background



This preview shows how the CIE LCh color 92, 20.412, 78.243 looks on a white background.

Color Contrast Check

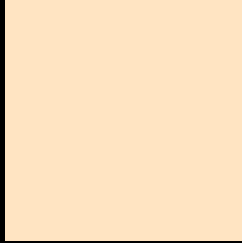
Large Text (above 18pt) WCAG AA × Fail

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, 20.412, 78.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

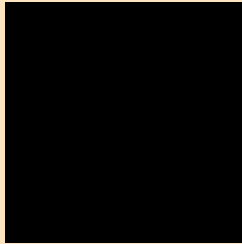
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 20.412, 78.243

Background



This preview shows how black text looks on a background with the CIELCh color 92, 20.412, 78.243.



This preview shows how white text looks on a background with the CIELCh color 92, 20.412, 78.243.

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](#).

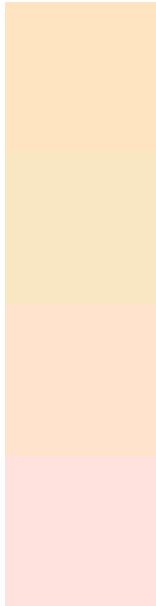
Dichromacy





Tritanopia
92, 13.269, 347.394

Trichromacy



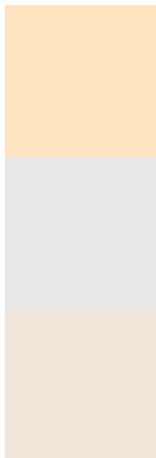
Original Color
92, 20.412, 78.243

Protanomaly
92, 19.765, 88.339

Deuteranomaly
92, 15.943, 67.589

Tritanomaly
92, 11.134, 28.063

Monochromacy



Original Color
92, 20.412, 78.243

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 7.447, 83.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 20.412, 78.243 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, 228, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 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(255, 228, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 20.412, 78.243 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, 228, 194) }
```

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

```
.border{ border-color:rgb(255, 228, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 20.412, 78.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 194) }
```

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

```
.background{ background-color: rgb(255,  
228, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor