

Converting Colors

CIELCh(92, 7.443, 53.217)

Have a look what the booklet for
CIELCh(92, 7.443, 53.217) contains.

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Color

CIELCh(92, 7.450, 53.214)

Conversions

Conversions Part 1

Format	Color
Hex	F6E5DD
RGB	246, 229, 221
RGB Percent	96%, 90%, 87%
CMY	0.0360, 0.1027, 0.1341
CMYK	0.00, 0.07, 0.10, 0.04
HSL	19°, 58%, 91%
HSV	19°, 10%, 96%
XYZ	78.9337, 80.7044, 79.6941
YIQ	233.1710, 12.7000, 1.1160

Conversions

Conversions Part 2

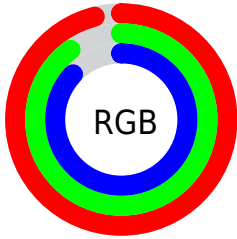
Format	Color
R _Y B	246, 233, 221
Decimal	16180701
CIE Lab	92.00, 4.46, 5.97
CIE LCh	92, 7.450, 53.214
Yxy	80.7044, 0.3298, 0.3372
Android (android.graphics.Color)	4294370781 (0xFFFF6E5DD)
YUV	233.1710, -6.0003, 11.2510
Hunter-Lab	89.8356, -0.3741, 10.2882

Details

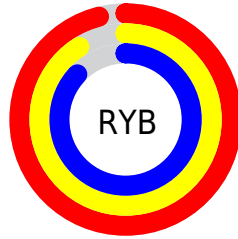
The CIELCh color `92, 7.450, 53.214` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 7.066, 235.009`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 7.565, 54.657` is the 20% darker color. If you saturate the color by 10%, you get `87, 15.338, 52.583`, and if you desaturate by 10%, it is `97, 0.115, 49.007`.

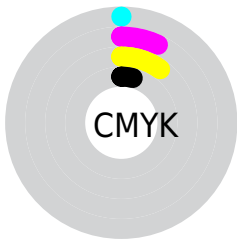
Distribution



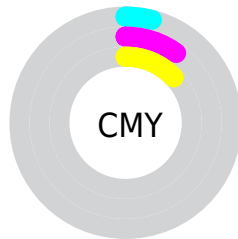
- Red (96%)
- Green (90%)
- Blue (87%)



- Red (96%)
- Yellow (91%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.450, 53.214 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, 7.450, 53.214 by changing the saturation by 10% instead.

 92, 7.450, 53.214	 92, 7.450, 53.214
 100, 7.450, 53.214	 82, 7.450, 53.214
	 72, 7.450, 53.214
	 62, 7.450, 53.214
	 52, 7.450, 53.214
	 42, 7.450, 53.214
	 32, 7.450, 53.214
	 22, 7.450, 53.214
	 12, 7.450, 53.214
	 2, 7.450, 53.214

92, 7.450, 53.214

92, 7.450, 53.214

87, 15.338, 52.583

97, 0.115, 49.007

83, 23.833, 51.970

99, 3.179, 199.412

78, 32.976, 51.439

74, 42.775, 51.007

70, 53.174, 50.678

66, 63.984, 50.411

63, 74.732, 50.069

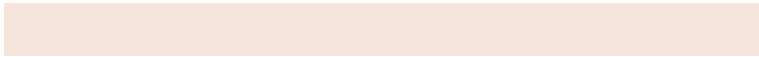
60, 84.382, 49.309

57, 91.559, 47.819

Harmonies

Complementary

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



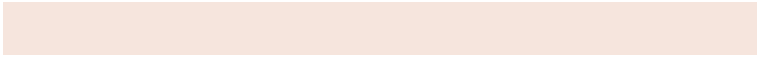
92, 7.450, 53.214



93, 7.066, 235.009

Rectangle

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



92, 7.450, 53.214



92, 7.450, 103.214



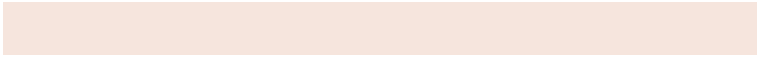
92, 7.450, 233.214



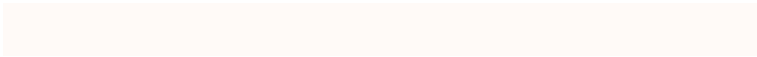
92, 7.450, 283.214

Sweetspot

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



92, 7.450, 53.235



99, 2.203, 53.570



90, 12.599, 335.649



52, 1.676, 53.567



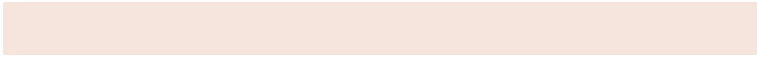
0, 0.000, 0.000



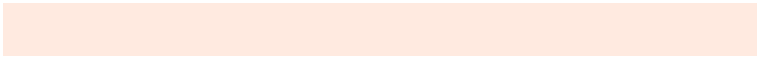
53, 0.007, 296.813

Same Dimension

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



92, 7.450, 53.235



94, 9.119, 53.115



95, 10.560, 100.224



49, 4.139, 53.279



44, 73.841, 48.414



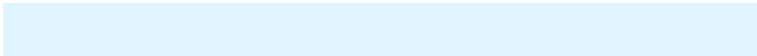
12, 25.832, 44.388

Inverse Universe

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



93, 7.066, 235.009



95, 8.558, 235.177



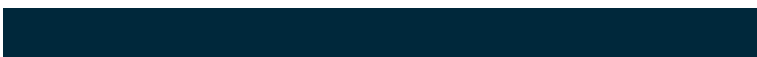
90, 10.703, 282.619



49, 3.942, 234.949



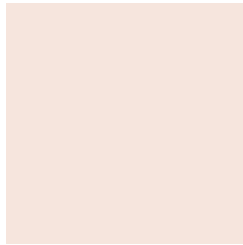
50, 39.977, 259.815



15, 16.632, 251.901

Previews

White Background



This preview shows how the CIELCh color 92, 7.450, 53.214 looks on a white background.

Color Contrast Check

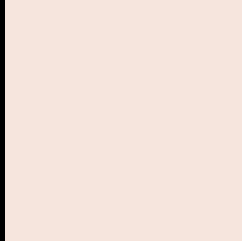
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 7.450, 53.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

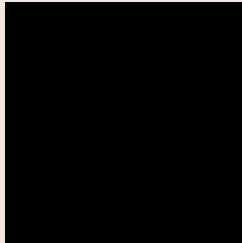
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

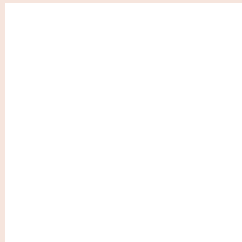
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.450, 53.214

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.450, 53.214.

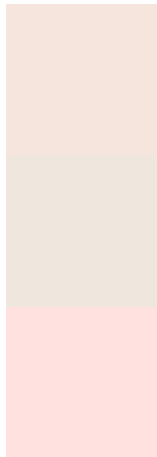


This preview shows how white text looks on a background with the CIELCh color 92, 7.450, 53.214.

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, 7.450, 53.214

Protanopia

92, 5.453, 77.577

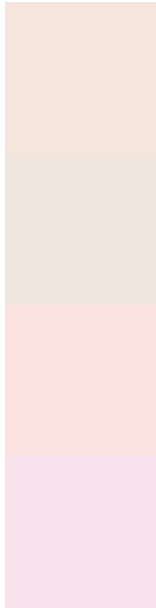
Deuteranopia

92, 11.055, 25.446



Tritanopia
92, 12.651, 332.942

Trichromacy



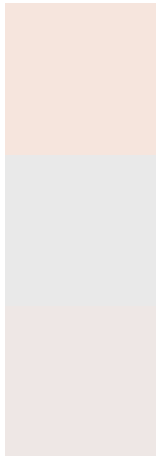
Original Color
92, 7.450, 53.214

Protanomaly
92, 5.728, 65.485

Deuteranomaly
92, 9.756, 32.150

Tritanomaly
92, 9.176, 349.608

Monochromacy



Original Color
92, 7.450, 53.214

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.703, 41.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.450, 53.214 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(246, 229, 221)` looks like.

```
.text, #text, p{  
    color:rgb(246, 229, 221)  
}
```

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(246, 229, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 229, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.450, 53.214 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(246, 229, 221) }
```

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

```
.border{ border-color:rgb(246, 229, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 229, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 229, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 229, 221);  
box-shadow:4px 4px 4px 4px rgb(246, 229,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.450, 53.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 229, 221) }
```

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

```
.background{ background-color: rgb(246,  
229, 221) }
```

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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