

Converting Colors

CIE LCh(92, 10.610, 62.416)

Have a look what the booklet for
CIELCh(92, 10.610, 62.416) contains.

CIELCh(92, 10.620, 62.410)	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, 10.620, 62.410)

Conversions

Conversions Part 1

Format	Color
Hex	F9E4D6
RGB	249, 228, 214
RGB Percent	98%, 89%, 84%
CMY	0.0224, 0.1048, 0.1597
CMYK	0.00, 0.08, 0.14, 0.02
HSL	24°, 75%, 91%
HSV	24°, 14%, 98%
XYZ	79.1643, 80.7044, 75.2102
YIQ	232.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

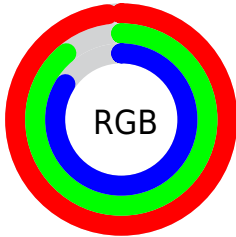
Format	Color
R _Y B	249, 237, 214
Decimal	16377046
CIE Lab	92.00, 4.92, 9.41
CIE LCh	92, 10.620, 62.410
Yxy	80.7044, 0.3368, 0.3433
Android (android.graphics.Color)	4294567126 (0xFFF9E4D6)
YUV	232.6830, -9.2107, 14.3100
Hunter-Lab	89.8356, 0.0841, 13.2475

Details

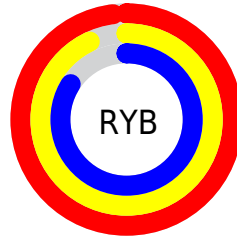
The CIELCh color **92, 10.620, 62.410** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92, 10.013, 245.615**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.681, 64.919** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.777, 61.442**, and if you desaturate by 10%, it is **96, 2.960, 63.320**.

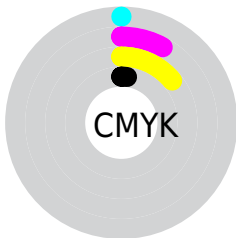
Distribution



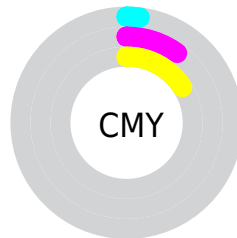
- Red (98%)
- Green (89%)
- Blue (84%)



- Red (98%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 10.620, 62.410 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, 10.620, 62.410 by changing the saturation by 10% instead.

 92, 10.620, 62.410

 92, 10.620, 62.410

 100, 10.620,
62.410

 82, 10.620, 62.410

 72, 10.620, 62.410

 62, 10.620, 62.410

 52, 10.620, 62.410

 42, 10.620, 62.410

 32, 10.620, 62.410

 22, 10.620, 62.410

 12, 10.620, 62.410

 2, 10.620, 62.410

92, 10.620, 62.410

92, 10.620, 62.410

88, 18.777, 61.442

96, 2.960, 63.320

84, 27.473, 60.477

100, 1.981,
199.614

80, 36.730, 59.549

76, 46.524, 58.661

72, 56.741, 57.792

69, 67.079, 56.863

65, 76.864, 55.677

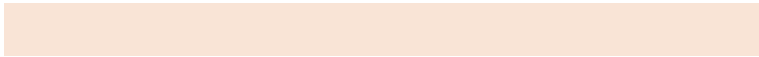
63, 84.845, 53.835

61, 88.509, 52.418

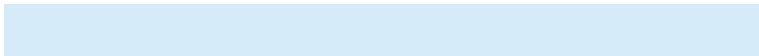
Harmonies

Complementary

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



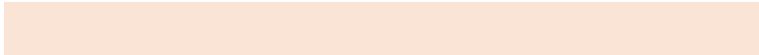
92, 10.620, 62.410



92, 10.013, 245.615

Rectangle

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



92, 10.620, 62.410



92, 10.620, 112.410



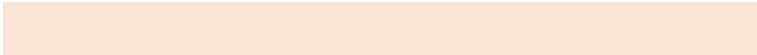
92, 10.620, 242.410



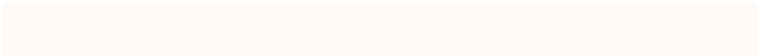
92, 10.620, 292.410

Sweetspot

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



92, 10.620, 62.426



98, 2.982, 63.323



89, 16.648, 339.697



52, 2.125, 63.274



0, 0.000, 0.000



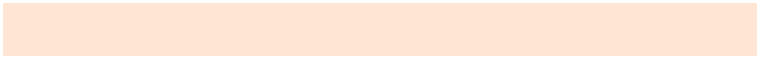
53, 0.007, 296.813

Same Dimension

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



92, 10.620, 62.426



93, 13.219, 62.133



96, 16.090, 104.315



50, 4.245, 62.864



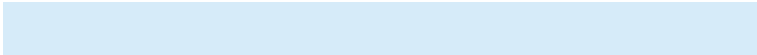
47, 71.401, 53.087



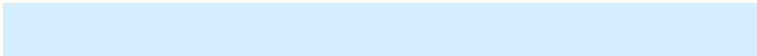
14, 26.256, 51.871

Inverse Universe

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



92, 10.013, 245.615



93, 12.291, 246.018



88, 16.502, 287.442



50, 4.087, 245.053



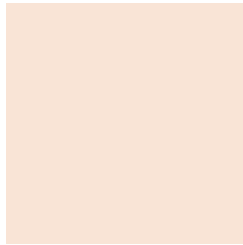
46, 47.052, 272.445



13, 19.284, 264.882

Previews

White Background



This preview shows how the CIELCh color 92, 10.620, 62.410 looks on a white background.

Color Contrast Check

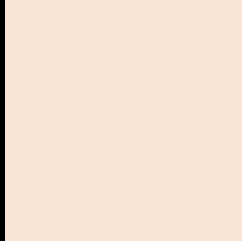
Large Text (above 18pt) WCAG AA × Fail

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, 10.620, 62.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

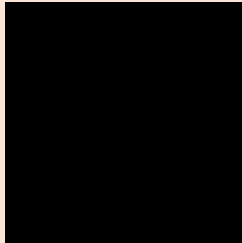
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 10.620, 62.410

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.620, 62.410.

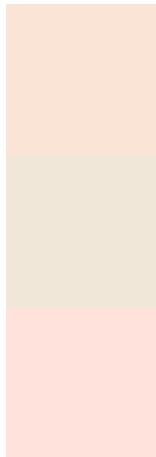


This preview shows how white text looks on a background with the CIELCh color 92, 10.620, 62.410.

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, 10.620, 62.410

Protanopia

92, 8.389, 86.343

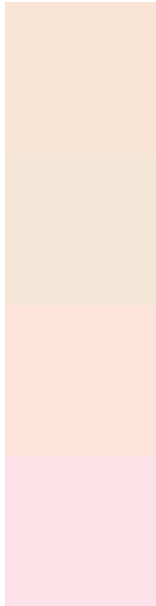
Deuteranopia

92, 11.308, 38.579



Tritanopia
92, 13.922, 338.512

Trichromacy



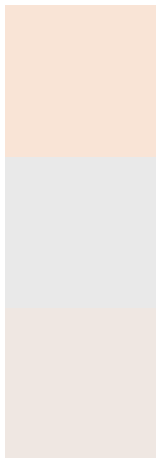
Original Color
92, 10.620, 62.410

Protanomaly
92, 9.082, 77.690

Deuteranomaly
92, 10.921, 47.985

Tritanomaly
92, 9.891, 1.870

Monochromacy



Original Color
92, 10.620, 62.410

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.850, 61.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.620, 62.410 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(249, 228, 214)` looks like.

```
.text, #text, p{  
    color:rgb(249, 228, 214)  
}
```

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(249, 228, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 228, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.620, 62.410 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(249, 228, 214) }
```

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

```
.border{ border-color:rgb(249, 228, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 228, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 228, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 228, 214);  
box-shadow:4px 4px 4px 4px rgb(249, 228,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.620, 62.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 228, 214) }
```

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

```
.background{ background-color: rgb(249,  
228, 214) }
```

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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