

Converting Colors

CIELCh(92, 9.825, 74.191)

Have a look what the booklet for
CIELCh(92, 9.825, 74.191) contains.

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Color

CIELCh(92, 9.926, 75.527)

Conversions

Conversions Part 1

Format	Color
Hex	F5E6D6
RGB	245, 230, 214
RGB Percent	96%, 90%, 84%
CMY	0.0400, 0.0988, 0.1615
CMYK	0.00, 0.06, 0.13, 0.04
HSL	31°, 60%, 90%
HSV	31°, 13%, 96%
XYZ	77.9400, 80.7044, 74.9569
YIQ	232.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

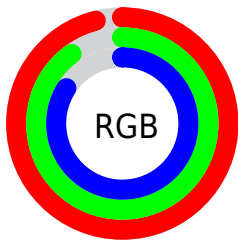
Format	Color
R _Y B	243, 245, 214
Decimal	16115414
CIE Lab	92.00, 2.48, 9.61
CIE LCh	92, 9.926, 75.527
Yxy	80.7044, 0.3336, 0.3455
Android (android.graphics.Color)	4294305494 (0xFFFF5E6D6)
YUV	232.6610, -9.1999, 10.8213
Hunter-Lab	89.8356, -2.3486, 13.4146

Details

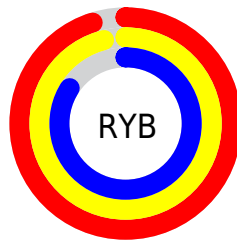
The CIELCh color **92, 9.926, 75.527** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 9.650, 258.931**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.271, 76.931** is the 20% darker color. If you saturate the color by 10%, you get **89, 18.171, 74.283**, and if you desaturate by 10%, it is **96, 2.035, 76.634**.

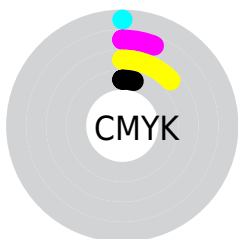
Distribution



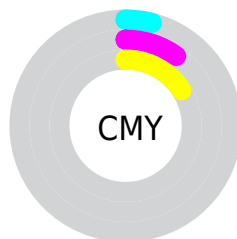
- Red (96%)
- Green (90%)
- Blue (84%)



- Red (95%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 9.926, 75.527 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, 9.926, 75.527 by changing the saturation by 10% instead.

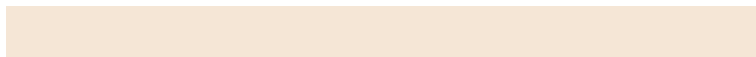
 92, 9.926, 75.527	 92, 9.926, 75.527
 100, 9.926, 75.527	 82, 9.926, 75.527
	 72, 9.926, 75.527
	 62, 9.926, 75.527
	 52, 9.926, 75.527
	 42, 9.926, 75.527
	 32, 9.926, 75.527
	 22, 9.926, 75.527
	 12, 9.926, 75.527
	 2, 9.926, 75.527

92, 9.926, 75.527	92, 9.926, 75.527
89, 18.171, 74.283	96, 2.035, 76.634
85, 26.786, 72.993	99, 3.090, 213.855
82, 35.768, 71.683	99, 3.526, 199.370
79, 45.066, 70.350	
76, 54.534, 68.969	
73, 63.845, 67.470	
70, 72.351, 65.701	
67, 78.988, 63.369	
65, 82.389, 61.236	

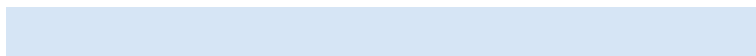
Harmonies

Complementary

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



92, 9.926, 75.527



90, 9.650, 258.931

Rectangle

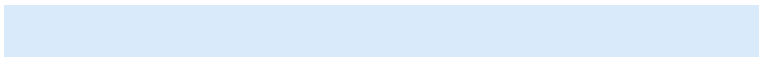
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 9.926, 75.527



92, 9.926, 125.527



92, 9.926, 255.527



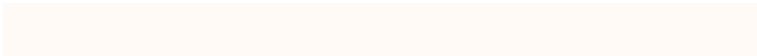
92, 9.926, 305.527

Sweetspot

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



92, 9.927, 75.543



99, 3.176, 76.535



88, 13.801, 344.701



52, 2.262, 76.463



0, 0.000, 0.000



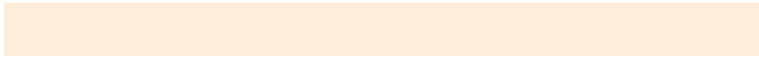
53, 0.007, 296.813

Same Dimension

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



92, 9.927, 75.543



95, 12.222, 75.248



96, 15.799, 108.946



49, 4.424, 75.929



51, 66.867, 61.929



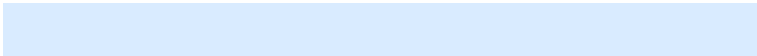
15, 24.642, 63.136

Inverse Universe

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



90, 9.650, 258.931



92, 11.807, 259.291



86, 16.266, 291.534



49, 4.337, 258.478



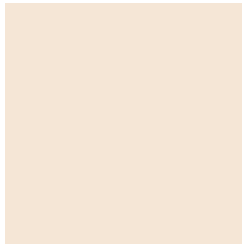
39, 58.922, 285.655



10, 22.820, 278.505

Previews

White Background



This preview shows how the CIELCh color 92, 9.926, 75.527 looks on a white background.

Color Contrast Check

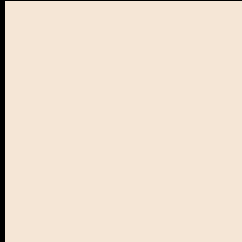
Large Text (above 18pt) WCAG AA × Fail

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, 9.926, 75.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

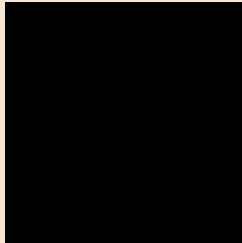
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

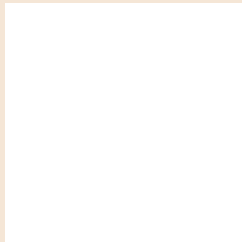
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 9.926, 75.527

Background



This preview shows how black text looks on a background with the CIELCh color 92, 9.926, 75.527.

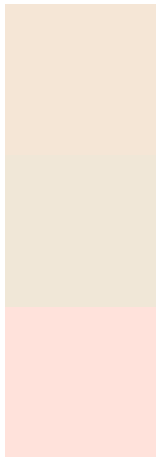


This preview shows how white text looks on a background with the CIELCh color 92, 9.926, 75.527.

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, 9.926, 75.527

Protanopia

92, 8.868, 87.584

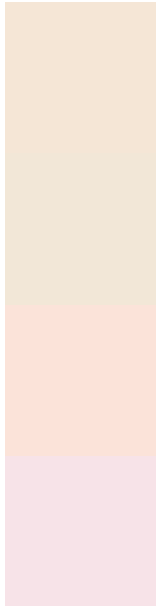
Deuteranopia

92, 11.308, 38.579



Tritanopia
92, 12.651, 332.942

Trichromacy



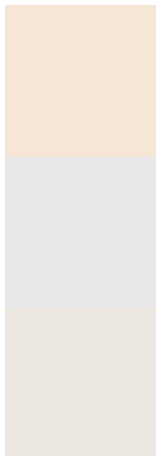
Original Color
92, 9.926, 75.527

Protanomaly
92, 9.169, 83.276

Deuteranomaly
92, 10.262, 49.933

Tritanomaly
92, 7.658, 0.214

Monochromacy



Original Color
92, 9.926, 75.527

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.756, 74.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 9.926, 75.527 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(245, 230, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 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(245, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 9.926, 75.527 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(245, 230, 214) }
```

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

```
.border{ border-color:rgb(245, 230, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 230, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 230,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 9.926, 75.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 230, 214) }
```

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

```
.background{ background-color: rgb(245,  
230, 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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