

Converting Colors

CIELCh(92, 38.145, 95.032)

Have a look what the booklet for
CIELCh(92, 38.145, 95.032) contains.

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Color

CIELCh(92, 38.145, 95.032)

Conversions

Conversions Part 1

Format	Color
Hex	FCE89F
RGB	252, 232, 159
RGB Percent	99%, 91%, 62%
CMY	0.0128, 0.0912, 0.3774
CMYK	0.00, 0.08, 0.37, 0.01
HSL	47°, 93%, 80%
HSV	47°, 37%, 99%
XYZ	75.0651, 80.7044, 44.3091
YIQ	229.6580, 35.3530, -18.4630

Conversions

Conversions Part 2

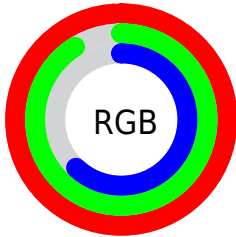
Format	Color
RYB	184, 252, 159
Decimal	16574623
CIELab	92.00, -3.35, 38.00
CIElCh	92, 38.145, 95.032
Yxy	80.7044, 0.3752, 0.4034
Android (android.graphics.Color)	4294764703 (0xFFFC89F)
YUV	229.6580, -34.8344, 19.5939
Hunter-Lab	89.8356, -8.0610, 33.6417

Details

The CIELCh color **92, 38.145, 95.032** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74, 39.759, 285.162**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **72, 38.085, 95.410** is the 20% darker color. If you saturate the color by 10%, you get **90, 48.375, 93.767**, and if you desaturate by 10%, it is **94, 27.781, 96.283**.

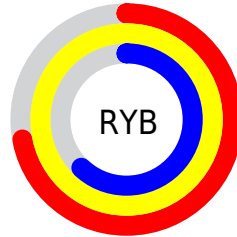
Distribution



Red (99%)

Green (91%)

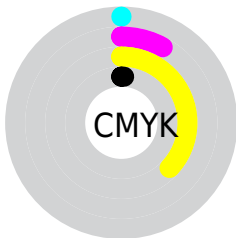
Blue (62%)



Red (72%)

Yellow (99%)

Blue (62%)

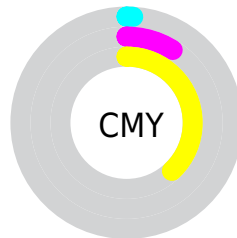


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 38.145, 95.032 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, 38.145, 95.032 by changing the saturation by 10% instead.

92, 38.145, 95.032

92, 38.145, 95.032

100, 38.145,
95.032

82, 38.145, 95.032

72, 38.145, 95.032

62, 38.145, 95.032

52, 38.145, 95.032

42, 38.145, 95.032

32, 38.145, 95.032

22, 38.145, 95.032

12, 38.145, 95.032

2, 38.145, 95.032

■ 92, 38.145, 95.032

■ 92, 38.145, 95.032

■ 90, 48.375, 93.767

■ 94, 27.781, 96.283

■ 89, 58.241, 92.477

■ 96, 17.405, 97.498

■ 87, 67.361, 91.163

■ 98, 7.088, 98.666

■ 86, 75.127, 89.805

■ 99, 1.005, 255.286

■ 84, 80.728, 88.353

■ 100, 1.137,
199.916

■ 83, 83.461, 86.725

■ 82, 83.940, 86.201

Harmonies

Complementary

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



92, 38.145, 95.032



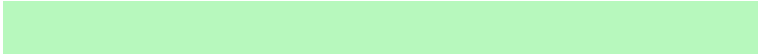
74, 39.759, 285.162

Rectangle

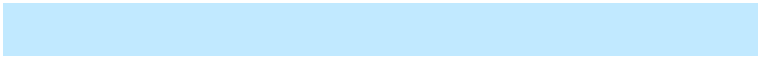
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 38.145, 95.032



92, 38.145, 145.032



92, 38.145, 275.032



92, 38.145, 325.032

Sweetspot

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



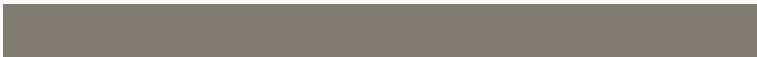
92, 38.146, 95.036



98, 11.392, 98.199



75, 37.282, 6.485



52, 7.660, 98.040



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

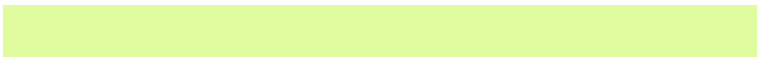
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 38.146, 95.036



92, 45.876, 94.138



95, 47.695, 118.959



51, 5.786, 98.374



63, 67.698, 86.537



21, 29.012, 88.821

Inverse Universe

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



74, 39.759, 285.162



70, 48.405, 286.675



71, 51.625, 303.918



49, 5.847, 280.670



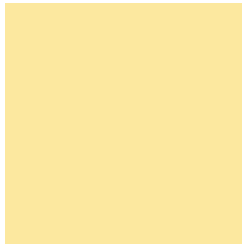
27, 91.912, 301.975



6, 35.509, 296.418

Previews

White Background



This preview shows how the CIELCh color 92, 38.145, 95.032 looks on a white background.

Color Contrast Check

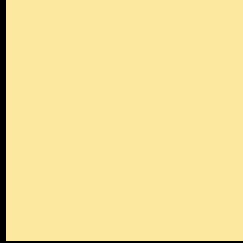
Large Text (above 18pt) WCAG AA × Fail

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, 38.145, 95.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

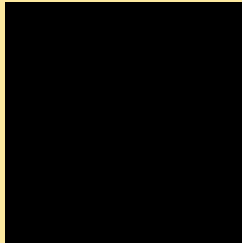
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 38.145, 95.032

Background



This preview shows how black text looks on a background with the CIELCh color 92, 38.145, 95.032.

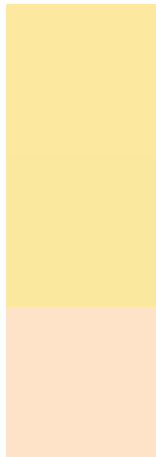


This preview shows how white text looks on a background with the CIELCh color 92, 38.145, 95.032.

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, 38.145, 95.032

Protanopia

92, 38.057, 95.623

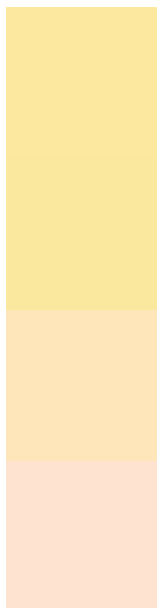
Deuteranopia

92, 17.165, 70.788



Tritanopia
92, 13.269, 347.394

Trichromacy



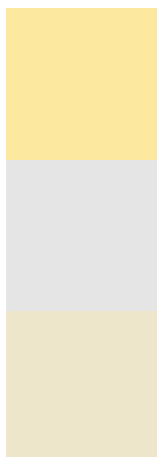
Original Color
92, 38.145, 95.032

Protanomaly
92, 38.057, 95.623

Deuteranomaly
92, 24.214, 84.772

Tritanomaly
92, 13.764, 62.049

Monochromacy



Original Color
92, 38.145, 95.032

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 14.155, 98.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 38.145, 95.032 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(252, 232, 159)` looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 159)  
}
```

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(252, 232, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 38.145, 95.032 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(252, 232, 159) }
```

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

```
.border{ border-color:rgb(252, 232, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 232, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 159);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 38.145, 95.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 232, 159) }
```

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

```
.background{ background-color: rgb(252,  
232, 159) }
```

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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