

Converting Colors

CIELCh(90, 20.003, 68.181)

Have a look what the booklet for
CIELCh(90, 20.003, 68.181) contains.

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Color

CIELCh(90, 20.047, 68.060)

Conversions

Conversions Part 1

Format	Color
Hex	FEDCBF
RGB	254, 220, 191
RGB Percent	100%, 86%, 75%
CMY	0.0024, 0.1358, 0.2496
CMYK	0.00, 0.13, 0.25, 0.00
HSL	28°, 98%, 87%
HSV	28°, 25%, 100%
XYZ	76.1497, 76.3034, 60.2143
YIQ	226.8600, 29.5730, -1.8110

Conversions

Conversions Part 2

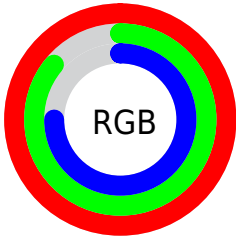
Format	Color
RYB	254, 245, 191
Decimal	16702655
CIELab	90.00, 7.49, 18.60
CIELCh	90, 20.047, 68.060
Yxy	76.3034, 0.3581, 0.3588
Android (android.graphics.Color)	4294892735 (0xFFFE DCBF)
YUV	226.8600, -17.6790, 23.8018
Hunter-Lab	87.3518, 2.7433, 20.2758

Details

The CIELCh color **90, 20.047, 68.060** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 18.417, 254.642**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **70, 19.933, 67.219** is the 20% darker color. If you saturate the color by 10%, you get **86, 28.929, 66.896**, and if you desaturate by 10%, it is **94, 11.633, 69.235**.

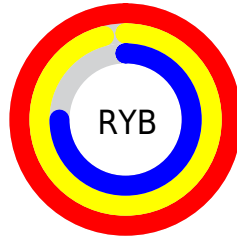
Distribution



Red (100%)

Green (86%)

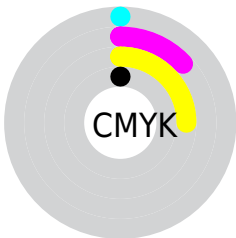
Blue (75%)



Red (100%)

Yellow (96%)

Blue (75%)

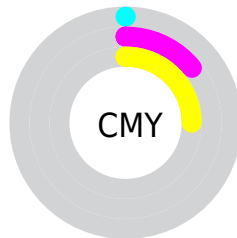


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 20.047, 68.060 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 90, 20.047, 68.060 by changing the saturation by 10% instead.

 90, 20.047, 68.060

 90, 20.047, 68.060

 100, 20.047,
68.060

 80, 20.047, 68.060

 70, 20.047, 68.060

 60, 20.047, 68.060

 50, 20.047, 68.060

 40, 20.047, 68.060

 30, 20.047, 68.060

 20, 20.047, 68.060

 10, 20.047, 68.060

 0, 20.047, 68.060

90, 20.047, 68.060

90, 20.047, 68.060

86, 28.929, 66.896

94, 11.633, 69.235

82, 38.283, 65.728

98, 3.657, 70.321

79, 48.062, 64.560

100, 0.212,
202.513

75, 58.115, 63.363

72, 68.079, 62.049

69, 77.208, 60.419

66, 84.261, 58.104

65, 87.055, 56.643

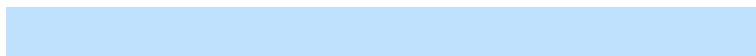
Harmonies

Complementary

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



90, 20.047, 68.060



88, 18.417, 254.642

Rectangle

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



90, 20.047, 68.060



90, 20.047, 118.060



90, 20.047, 248.060



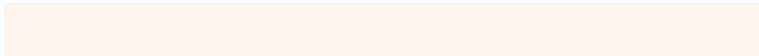
90, 20.047, 298.060

Sweetspot

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



90, 20.047, 68.069



97, 5.407, 70.103



84, 29.075, 343.181



52, 3.519, 70.039



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 20.047, 68.069



88, 24.677, 67.455



98, 30.261, 105.574



51, 4.422, 69.832



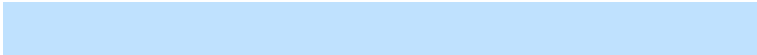
50, 69.927, 57.347



15, 27.098, 57.912

Inverse Universe

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



88, 18.417, 254.642



86, 22.214, 255.632



80, 31.909, 291.153



51, 4.297, 252.271



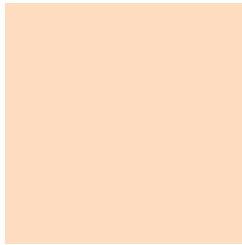
44, 53.802, 280.019



13, 22.099, 273.167

Previews

White Background



This preview shows how the CIE LCh color 90, 20.047, 68.060 looks on a white background.

Color Contrast Check

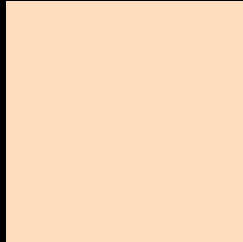
Large Text (above 18pt) WCAG AA × Fail

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 90, 20.047, 68.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

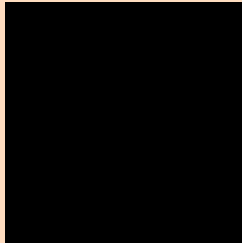
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 20.047, 68.060

Background



This preview shows how black text looks on a background with the CIELCh color 90, 20.047, 68.060.



This preview shows how white text looks on a background with the CIELCh color 90, 20.047, 68.060.

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

90, 20.047, 68.060

Protanopia

90, 17.153, 93.398

Deuteranopia

90, 17.295, 58.768

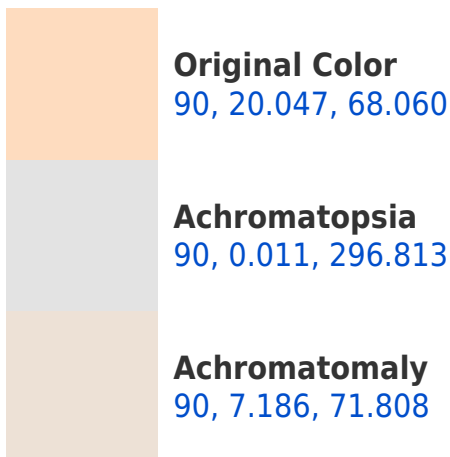


Tritanopia
90, 16.109, 351.809

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 20.047, 68.060 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(254, 220, 191)` looks like.

```
.text, #text, p{  
    color:rgb(254, 220, 191)  
}
```

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(254, 220, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 220, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 20.047, 68.060 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(254, 220, 191) }
```

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

```
.border{ border-color:rgb(254, 220, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 220, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 220, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 220, 191);  
box-shadow:4px 4px 4px 4px rgb(254, 220,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 20.047, 68.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 220, 191) }
```

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

```
.background{ background-color: rgb(254,  
220, 191) }
```

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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