

Converting Colors

CIELCh(100, 50.886, 40.190)

Have a look what the booklet for
CIELCh(100, 50.886, 40.190)
contains.

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Color

CIELCh(91, 20.228, 74.048)

Conversions

Conversions Part 1

Format	Color
Hex	FEE0C0
RGB	254, 224, 192
RGB Percent	100%, 88%, 75%
CMY	0.0025, 0.1200, 0.2455
CMYK	0.00, 0.12, 0.24, 0.00
HSL	31°, 98%, 88%
HSV	31°, 24%, 100%
XYZ	77.3262, 78.4833, 61.1770
YIQ	229.3220, 28.1520, -3.5920

Conversions

Conversions Part 2

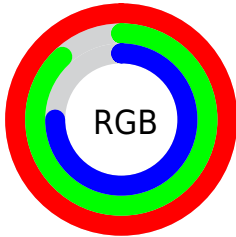
Format	Color
R_{YB}	250, 254, 192
Decimal	16703680
CIE _{Lab}	91.00, 5.56, 19.45
CIE _{LCh}	91, 20.228, 74.048
Yxy	78.4833, 0.3564, 0.3617
Android (android.graphics.Color)	4294893760 (0xFFFE0C0)
YUV	229.3220, -18.3997, 21.6426
Hunter-Lab	88.5908, 0.7692, 21.0705

Details

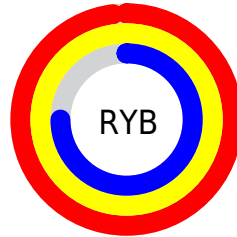
The CIELCh color **91, 20.228, 74.048** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 19.056, 260.877**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **71, 20.548, 74.325** is the 20% darker color. If you saturate the color by 10%, you get **88, 29.183, 72.760**, and if you desaturate by 10%, it is **95, 11.659, 75.326**.

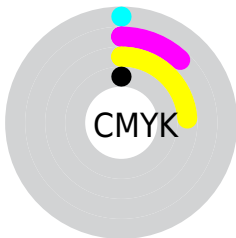
Distribution



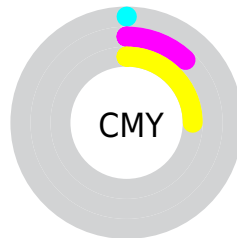
- Red (100%)
- Green (88%)
- Blue (75%)



- Red (98%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 20.228, 74.048 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 91, 20.228, 74.048 by changing the saturation by 10% instead.

 91, 20.228, 74.048

 91, 20.228, 74.048

 100, 20.228,
74.048

 81, 20.228, 74.048

 71, 20.228, 74.048

 61, 20.228, 74.048

 51, 20.228, 74.048

 41, 20.228, 74.048

 31, 20.228, 74.048

 21, 20.228, 74.048

 11, 20.228, 74.048

 1, 20.228, 74.048

91, 20.228, 74.048

91, 20.228, 74.048

88, 29.183, 72.760

95, 11.659, 75.326

84, 38.513, 71.444

98, 3.458, 76.499

81, 48.151, 70.102

100, 0.220,
202.410

78, 57.921, 68.704

75, 67.436, 67.167

72, 75.946, 65.316

69, 82.291, 62.830

68, 84.851, 61.150

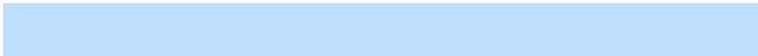
Harmonies

Complementary

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



91, 20.228, 74.048



87, 19.056, 260.877

Rectangle

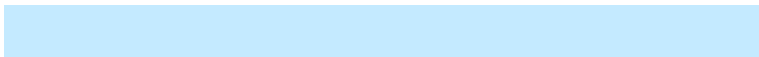
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 20.228, 74.048



91, 20.228, 124.048



91, 20.228, 254.048



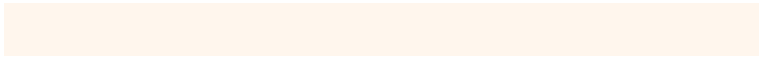
91, 20.228, 304.048

Sweetspot

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



91, 20.228, 74.057



97, 5.600, 76.216



84, 27.688, 345.862



52, 3.644, 76.146



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 20.228, 74.057



90, 24.386, 73.457



98, 31.215, 107.799



51, 4.575, 75.921



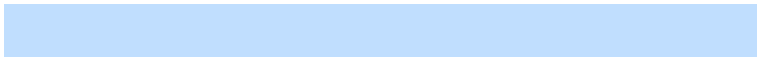
52, 68.250, 61.850



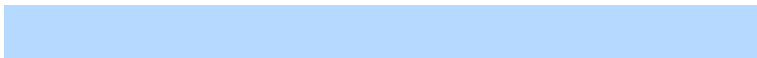
16, 27.012, 63.457

Inverse Universe

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



87, 19.056, 260.877



85, 22.679, 261.770



80, 33.081, 293.069



50, 4.485, 258.480



40, 60.232, 285.742



12, 24.441, 279.318

Previews

White Background



This preview shows how the CIE LCh color 91, 20.228, 74.048 looks on a white background.

Color Contrast Check

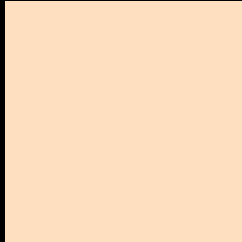
Large Text (above 18pt) WCAG AA × Fail

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 91, 20.228, 74.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

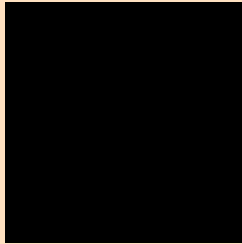
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

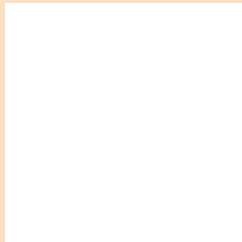
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 20.228, 74.048

Background



This preview shows how black text looks on a background with the CIELCh color 91, 20.228, 74.048.



This preview shows how white text looks on a background with the CIELCh color 91, 20.228, 74.048.

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
91, 20.247, 74.037

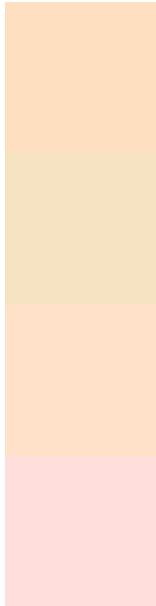
Protanopia
91, 18.108, 94.164

Deuteranopia
91, 15.641, 58.659



Tritanopia
91, 14.550, 350.672

Trichromacy



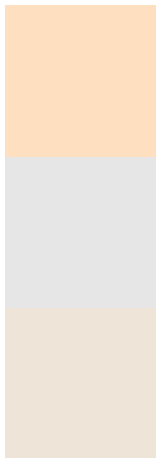
Original Color
91, 20.247, 74.037

Protanomaly
91, 18.530, 85.730

Deuteranomaly
91, 17.180, 65.782

Tritanomaly
91, 12.287, 27.418

Monochromacy



Original Color
91, 20.247, 74.037

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 7.378, 76.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 20.228, 74.048 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, 224, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 224, 192)  
}
```

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, 224, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 224, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 20.228, 74.048 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, 224, 192) }
```

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

```
.border{ border-color:rgb(254, 224, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 224, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 224, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 224, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 224,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 20.228, 74.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 224, 192) }
```

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

```
.background{ background-color: rgb(254,  
224, 192) }
```

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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