

Converting Colors

CIELCh(71, 45.702, 21.025)

Have a look what the booklet for
CIELCh(71, 45.702, 21.025) contains.

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Color

CIELCh(71, 45.741, 20.842)

Conversions

Conversions Part 1

Format	Color
Hex	FD8D92
RGB	253, 141, 146
RGB Percent	99%, 55%, 57%
CMY	0.0064, 0.4457, 0.4262
CMYK	0.00, 0.44, 0.42, 0.01
HSL	357°, 97%, 77%
HSV	357°, 44%, 99%
XYZ	55.4334, 42.1875, 32.5473
YIQ	175.0580, 65.1470, 25.2990

Conversions

Conversions Part 2

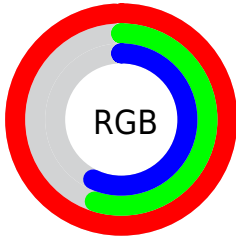
Format	Color
R _Y B	253, 141, 146
Decimal	16616850
CIE Lab	71.00, 42.75, 16.27
CIE LCh	71, 45.741, 20.842
Yxy	42.1875, 0.4259, 0.3241
Android (android.graphics.Color)	4294806930 (0xFFFD8D92)
YUV	175.0580, -14.3256, 68.3551
Hunter-Lab	64.9519, 38.6755, 15.7562

Details

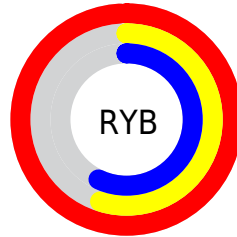
The CIELCh color **71, 45.741, 20.842** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 34.100, 192.927**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 22.474, 15.884**, and **51, 45.724, 20.539** is the 20% darker color. If you saturate the color by 10%, you get **66, 57.438, 23.033**, and if you desaturate by 10%, it is **77, 34.350, 19.151**.

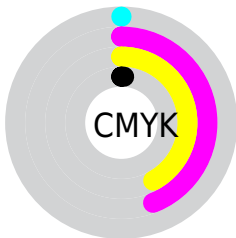
Distribution



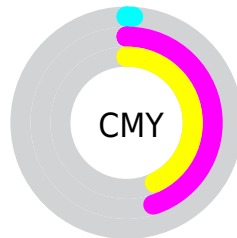
- Red (99%)
- Green (55%)
- Blue (57%)



- Red (99%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (44%)
- Yellow (42%)
- Black (1%)



- Cyan (1%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 45.741, 20.842 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 71, 45.741, 20.842 by changing the saturation by 10% instead.

 71, 45.741, 20.842

 71, 45.741, 20.842

 100, 45.741,
20.842

 61, 45.741, 20.842

 91, 45.741, 20.842

 51, 45.741, 20.842

 41, 45.741, 20.842

 31, 45.741, 20.842

 21, 45.741, 20.842

 11, 45.741, 20.842

 1, 45.741, 20.842

 0, 45.741, 20.842

 71, 45.741, 20.842

 71, 45.741, 20.842

■ 66, 57.438, 23.033

■ 77, 34.350, 19.151

■ 61, 69.115, 25.833

■ 83, 23.500, 17.830

■ 57, 80.353, 29.308

■ 90, 13.306, 16.779

■ 55, 90.639, 33.306

■ 97, 3.804, 15.838

■ 53, 99.019, 37.182

100, 0.564,
200.545

■ 53, 102.373,
38.788

Harmonies

Complementary

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



71, 45.741, 20.842



93, 34.100, 192.927

Rectangle

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



71, 45.741, 20.842



71, 45.741, 70.842



71, 45.741, 200.842



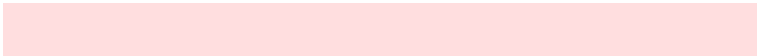
71, 45.741, 250.842

Sweetspot

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



71, 45.738, 20.845



91, 12.175, 16.665



74, 68.443, 325.309



47, 8.589, 16.875



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 45.738, 20.845



67, 56.301, 22.740



82, 37.553, 64.723



49, 5.256, 16.346



40, 82.333, 38.305



10, 33.007, 25.394

Inverse Universe

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



71, 45.738, 20.845



67, 56.301, 22.740



79, 31.630, 257.595



49, 5.256, 16.346



40, 82.333, 38.305



10, 33.007, 25.394

Previews

White Background



This preview shows how the CIELCh color 71, 45.741, 20.842 looks on a white background.

Color Contrast Check

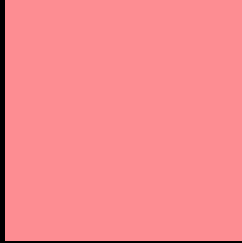
Large Text (above 18pt) WCAG AA × Fail

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 71, 45.741, 20.842 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 71, 45.741, 20.842

Background



This preview shows how black text looks on a background with the CIELCh color 71, 45.741, 20.842.

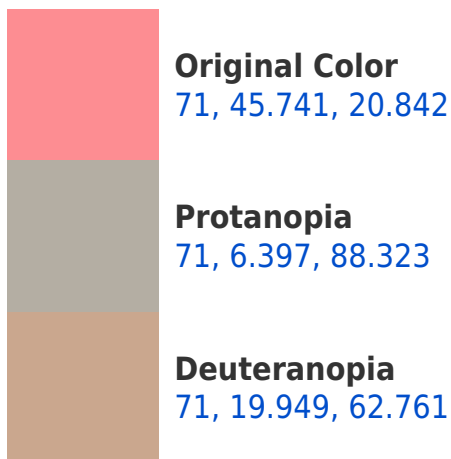


This preview shows how white text looks on a background with the CIELCh color 71, 45.741, 20.842.

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](#).

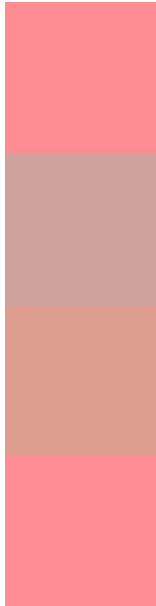
Dichromacy





Tritanopia
71, 45.775, 17.607

Trichromacy



Original Color
71, 45.741, 20.842

Protanomaly
71, 18.226, 29.466

Deuteranomaly
71, 27.303, 37.555

Tritanomaly
71, 45.903, 18.937

Monochromacy



Original Color
71, 45.741, 20.842

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 16.102, 17.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 45.741, 20.842 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(253, 141, 146)` looks like.

```
.text, #text, p{  
    color:rgb(253, 141, 146)  
}
```

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(253, 141, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 141, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 45.741, 20.842 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(253, 141, 146) }
```

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

```
.border{ border-color:rgb(253, 141, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 141, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 141, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 141, 146);  
box-shadow:4px 4px 4px 4px rgb(253, 141,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 45.741, 20.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 141, 146) }
```

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

```
.background{ background-color: rgb(253,  
141, 146) }
```

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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