

Converting Colors

CIELCh(75, 32.715, 20.112)

Have a look what the booklet for
CIELCh(75, 32.715, 20.112) contains.

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Color

CIELCh(75, 32.704, 20.555)

Conversions

Conversions Part 1

Format	Color
Hex	F5A3A5
RGB	245, 163, 165
RGB Percent	96%, 64%, 65%
CMY	0.0395, 0.3611, 0.3532
CMYK	0.00, 0.33, 0.33, 0.04
HSL	359°, 80%, 80%
HSV	359°, 33%, 96%
XYZ	57.4948, 48.2781, 41.8493
YIQ	187.7460, 48.2300, 18.0060

Conversions

Conversions Part 2

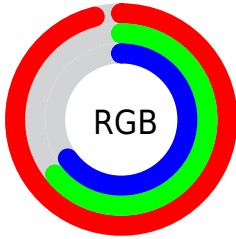
Format	Color
R _Y B	245, 163, 165
Decimal	16098213
CIE Lab	75.00, 30.62, 11.48
CIE LCh	75, 32.704, 20.555
Yxy	48.2781, 0.3895, 0.3270
Android (android.graphics.Color)	4294288293 (0xFFFF5A3A5)
YUV	187.7460, -11.2138, 50.2118
Hunter-Lab	69.4824, 26.1095, 12.9273

Details

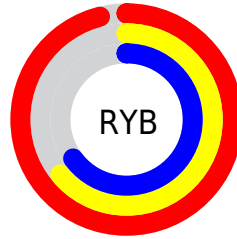
The CIELCh color **75, 32.704, 20.555** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 26.159, 195.462**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.275, 18.104**, and **55, 32.959, 20.563** is the 20% darker color. If you saturate the color by 10%, you get **69, 43.855, 22.177**, and if you desaturate by 10%, it is **81, 22.128, 19.307**.

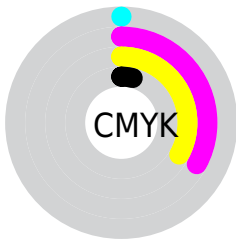
Distribution



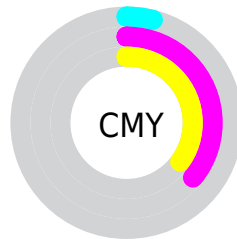
- Red (96%)
- Green (64%)
- Blue (65%)



- Red (96%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 32.704, 20.555 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 75, 32.704, 20.555 by changing the saturation by 10% instead.

75, 32.704, 20.555

75, 32.704, 20.555

100, 32.704,
20.555

65, 32.704, 20.555

95, 32.704, 20.555

55, 32.704, 20.555

45, 32.704, 20.555

35, 32.704, 20.555

25, 32.704, 20.555

15, 32.704, 20.555

5, 32.704, 20.555

0, 32.704, 20.555

75, 32.704, 20.555

75, 32.704, 20.555

69, 43.855, 22.177

81, 22.128, 19.307

64, 55.386, 24.276

88, 12.232, 18.318

59, 66.983, 26.970

94, 3.037, 17.400

56, 78.231, 30.311

99, 3.486, 199.374

53, 88.574, 34.126

52, 96.910, 37.727

51, 100.457,
39.299

Harmonies

Complementary

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



75, 32.704, 20.555



91, 26.159, 195.462

Rectangle

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



75, 32.704, 20.555



75, 32.704, 70.555



75, 32.704, 200.555



75, 32.704, 250.555

Sweetspot

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



75, 32.702, 20.559



93, 9.256, 18.016



77, 51.181, 325.295



49, 6.349, 18.138



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 32.702, 20.559



74, 41.262, 21.581



84, 26.957, 67.726



48, 5.079, 17.970



39, 81.456, 39.020



8, 30.868, 24.037

Inverse Universe

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



75, 32.702, 20.559



74, 41.262, 21.581



81, 24.032, 257.079



48, 5.079, 17.970



39, 81.456, 39.020



8, 30.868, 24.037

Previews

White Background



This preview shows how the CIELCh color 75, 32.704, 20.555 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 75, 32.704, 20.555 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 75, 32.704, 20.555

Background



This preview shows how black text looks on a background with the CIELCh color 75, 32.704, 20.555.

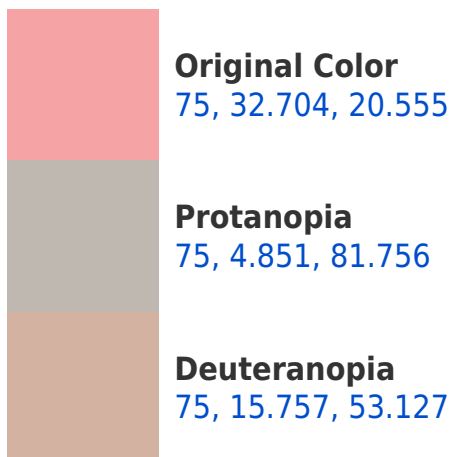


This preview shows how white text looks on a background with the CIELCh color 75, 32.704, 20.555.

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](#).

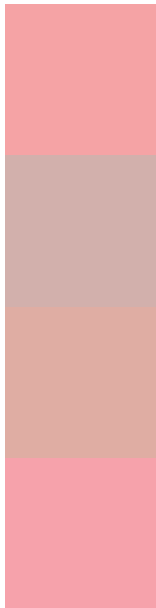
Dichromacy





Tritanopia
75, 33.343, 11.610

Trichromacy



Original Color
75, 32.704, 20.555

Protanomaly
75, 13.414, 29.636

Deuteranomaly
75, 20.751, 35.854

Tritanomaly
75, 33.311, 14.345

Monochromacy



Original Color
75, 32.704, 20.555

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 11.488, 17.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 32.704, 20.555 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, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 165)  
}
```

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, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 32.704, 20.555 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, 163, 165) }
```

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

```
.border{ border-color:rgb(245, 163, 165) }
```

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

Here you see how a box with a 4 pixel rgb(245, 163, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(245, 163,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 32.704, 20.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 163, 165) }
```

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

```
.background{ background-color: rgb(245,  
163, 165) }
```

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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