

Converting Colors

CIELCh(90, 100.120, 40.009)

Have a look what the booklet for
CIELCh(90, 100.120, 40.009)
contains.

CIELCh(73, 52.521, 50.497)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(73, 52.521, 50.497)

Conversions

Conversions Part 1

Format	Color
Hex	FE9A6B
RGB	254, 154, 107
RGB Percent	100%, 60%, 42%
CMY	0.0021, 0.3979, 0.5821
CMYK	0.00, 0.40, 0.58, 0.00
HSL	19°, 99%, 71%
HSV	19°, 58%, 100%
XYZ	55.1482, 45.1644, 19.5985
YIQ	178.5420, 74.6870, 6.5830

Conversions

Conversions Part 2

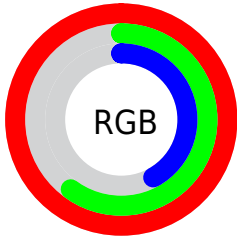
Format	Color
RYB	254, 176, 107
Decimal	16685675
CIELab	73.00, 33.41, 40.52
CIELCh	73, 52.521, 50.497
Yxy	45.1644, 0.4599, 0.3766
Android (android.graphics.Color)	4294875755 (0xFFFE9A6B)
YUV	178.5420, -35.2702, 66.1767
Hunter-Lab	67.2044, 28.8699, 29.7526

Details

The CIELCh color **73, 52.521, 50.497** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **79, 35.836, 242.930**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 32.344, 72.788**, and **53, 52.109, 50.922** is the 20% darker color. If you saturate the color by 10%, you get **69, 63.598, 50.250**, and if you desaturate by 10%, it is **77, 41.920, 50.831**.

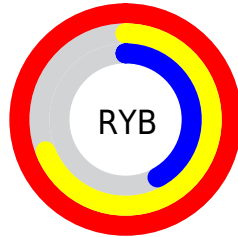
Distribution



Red (100%)

Green (60%)

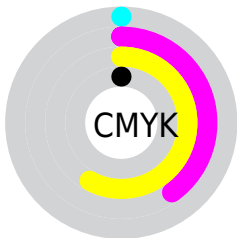
Blue (42%)



Red (100%)

Yellow (69%)

Blue (42%)

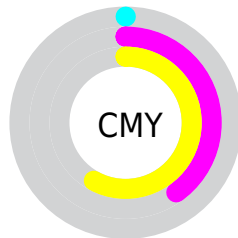


Cyan (0%)

Magenta (40%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 52.521, 50.497 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 73, 52.521, 50.497 by changing the saturation by 10% instead.

73, 52.521, 50.497

73, 52.521, 50.497

100, 52.521,
50.497

63, 52.521, 50.497

93, 52.521, 50.497

53, 52.521, 50.497

43, 52.521, 50.497

33, 52.521, 50.497

23, 52.521, 50.497

13, 52.521, 50.497

3, 52.521, 50.497

0, 52.521, 50.497

73, 52.521, 50.497

73, 52.521, 50.497

69, 63.598, 50.250

77, 41.920, 50.831

65, 74.744, 49.964

82, 31.962, 51.267

62, 85.025, 49.349

86, 22.685, 51.803

59, 92.876, 47.897

91, 14.072, 52.416

59, 94.184, 47.629

96, 6.076, 53.054

100, 0.189,
202.905

Harmonies

Complementary

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



73, 52.521, 50.497



79, 35.836, 242.930

Rectangle

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



73, 52.521, 50.497



73, 52.521, 100.497



73, 52.521, 230.497



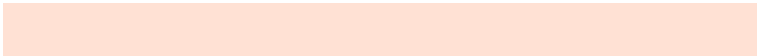
73, 52.521, 280.497

Sweetspot

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



73, 52.519, 50.501



92, 13.166, 52.488



67, 71.382, 339.883



48, 8.874, 52.359



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 52.519, 50.501



68, 65.819, 50.204



90, 61.360, 94.463



51, 4.282, 52.970



45, 75.499, 48.218



13, 28.330, 45.181

Inverse Universe

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



79, 35.836, 242.930



76, 40.990, 246.741



59, 68.135, 291.829



51, 4.075, 234.626



52, 40.654, 259.469



16, 17.612, 252.315

Previews

White Background



This preview shows how the CIELCh color 73, 52.521, 50.497 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 73, 52.521, 50.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

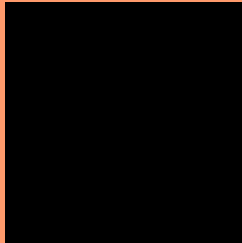
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 52.521, 50.497

Background



This preview shows how black text looks on a background with the CIELCh color 73, 52.521, 50.497.



This preview shows how white text looks on a background with the CIELCh color 73, 52.521, 50.497.

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

73, 52.134, 50.701

Protanopia

73, 34.770, 96.289

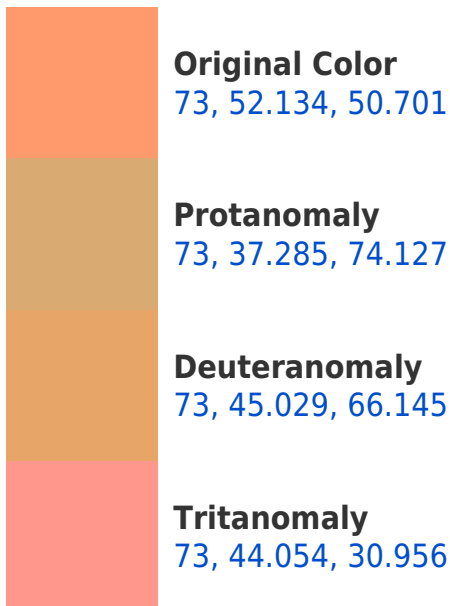
Deuteranopia

73, 42.557, 76.993

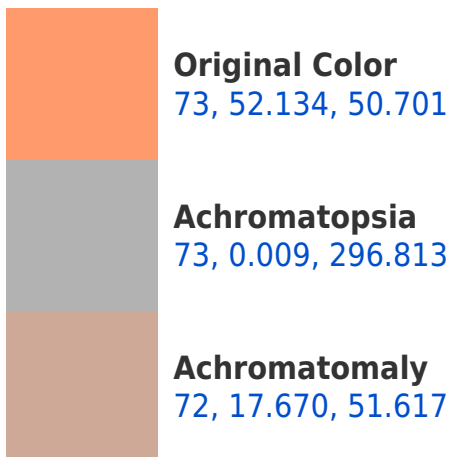


Tritanopia
73, 42.586, 16.604

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 52.521, 50.497 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, 154, 107)` looks like.

```
.text, #text, p{  
    color:rgb(254, 154, 107)  
}
```

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, 154, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 154, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 52.521, 50.497 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, 154, 107) }
```

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

```
.border{ border-color:rgb(254, 154, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 154, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 154, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 154, 107);  
box-shadow:4px 4px 4px 4px rgb(254, 154,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 52.521, 50.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 154, 107) }
```

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

```
.background{ background-color: rgb(254,  
154, 107) }
```

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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