

Converting Colors

CIELCh(52, 21.962, 115.592)

Have a look what the booklet for
CIELCh(52, 21.962, 115.592)
contains.

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Color

CIELCh(52, 21.929, 115.376)

Conversions

Conversions Part 1

Format	Color
Hex	79805A
RGB	121, 128, 90
RGB Percent	47%, 50%, 35%
CMY	0.5266, 0.4991, 0.6481
CMYK	0.05, 0.00, 0.30, 0.50
HSL	71°, 17%, 43%
HSV	71°, 30%, 50%
XYZ	17.3633, 20.1443, 12.5871
YIQ	121.5750, 8.0260, -13.3020

Conversions

Conversions Part 2

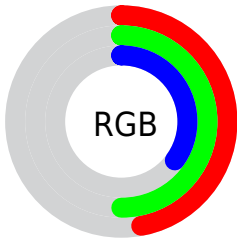
Format	Color
R_{YB}	90, 128, 97
Decimal	7962714
CIE _{Lab}	52.00, -9.40, 19.81
CIE _{LCh}	52, 21.929, 115.376
Yxy	20.1443, 0.3466, 0.4021
Android (android.graphics.Color)	4286152794 (0xFF79805A)
YUV	121.5750, -15.5665, -0.5043
Hunter-Lab	44.8824, -9.4894, 14.7901

Details

The CIELCh color $52, 21.929, 115.376$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $40, 23.386, 299.813$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 22.247, 115.250$, and $32, 21.809, 115.267$ is the 20% darker color. If you saturate the color by 10%, you get $52, 29.076, 114.716$, and if you desaturate by 10%, it is $52, 14.625, 116.060$.

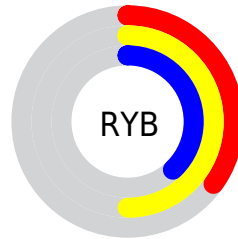
Distribution



Red (47%)

Green (50%)

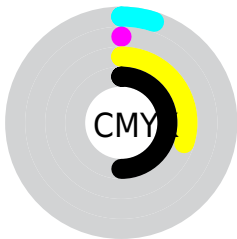
Blue (35%)



Red (35%)

Yellow (50%)

Blue (38%)

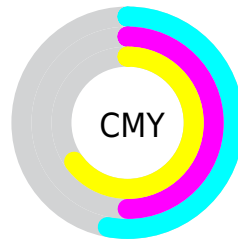


Cyan (5%)

Magenta (0%)

Yellow (30%)

Black (50%)



Cyan (53%)


Magenta (50%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 21.929, 115.376 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 52, 21.929, 115.376 by changing the saturation by 10% instead.


 52, 21.929,
115.376


 52, 21.929,
115.376


 100, 21.929,
115.376


 42, 21.929,
115.376


 72, 21.929,
115.376

 32, 21.929,
115.376

 82, 21.929,
115.376

 22, 21.929,
115.376

 92, 21.929,
115.376

 12, 21.929,
115.376

 2, 21.929, 115.376

 0, 21.929, 115.376

■ 52, 21.929,
115.376

■ 52, 21.929,
115.376

■ 52, 29.076,
114.716

■ 52, 14.625,
116.060

■ 51, 35.955,
114.102

■ 53, 7.232, 116.741

■ 53, 0.199, 297.386

■ 51, 42.406,
113.575

■ 54, 7.633, 298.049

■ 51, 48.200,
113.194

■ 55, 15.047,
298.663

■ 50, 53.041,
113.031

■ 55, 22.422,
299.245

■ 50, 56.614,
113.165

■ 56, 29.744,
299.793

■ 50, 59.211,
113.517

■ 57, 37.004,
300.306

■ 50, 59.279,

113.525

■ 58, 44.192,
300.786

Harmonies

Complementary

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



52, 21.929, 115.376



40, 23.386, 299.813

Rectangle

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



52, 21.929, 115.376



52, 21.929, 165.376



52, 21.929, 295.376



52, 21.929, 345.376

Sweetspot

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



52, 21.930, 115.379



67, 8.268, 116.777



44, 14.498, 37.534



35, 5.790, 116.692



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 21.930, 115.379



66, 32.680, 114.906



51, 24.494, 133.864



27, 4.178, 116.785



50, 59.204, 113.523



0, 0.000, 0.000

Inverse Universe

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



40, 23.386, 299.813



48, 35.490, 300.545



42, 25.059, 316.425



24, 4.260, 298.027



14, 78.748, 307.339



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 21.929, 115.376 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 21.929, 115.376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

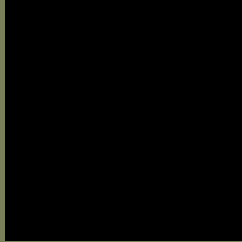
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

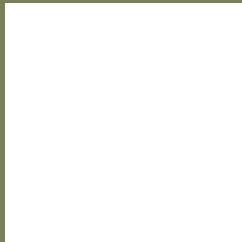
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 21.929, 115.376

Background



This preview shows how black text looks on a background with the CIELCh color 52, 21.929, 115.376.



This preview shows how white text looks on a background with the CIELCh color 52, 21.929, 115.376.

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


52, 21.929, 115.376

Protanopia

52, 21.070, 96.579

Deuteranopia

52, 19.907, 70.938



Tritanopia
52, 6.046, 305.855

Trichromacy



Original Color
52, 21.929, 115.376

Protanomaly
52, 20.723, 102.637

Deuteranomaly
52, 19.127, 87.519

Tritanomaly
52, 4.049, 109.650

Monochromacy



Original Color
52, 21.929, 115.376

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 7.585, 115.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 21.929, 115.376 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(121, 128, 90)` looks like.

```
.text, #text, p{  
    color:rgb(121, 128, 90)  
}
```

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(121, 128, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 128, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 21.929, 115.376 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(121, 128, 90) }
```

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

```
.border{ border-color:rgb(121, 128, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 128, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 128, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 128, 90);  
box-shadow:4px 4px 4px 4px rgb(121, 128,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 21.929, 115.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 128, 90) }
```

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

```
.background{ background-color: rgb(121,  
128, 90) }
```

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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