

Converting Colors

CIELCh(53, 21.317, 112.621)

Have a look what the booklet for
CIELCh(53, 21.317, 112.621)
contains.

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Color

CIELCh(53, 21.760, 113.170)

Conversions

Conversions Part 1

Format	Color
Hex	7D825C
RGB	125, 130, 92
RGB Percent	49%, 51%, 36%
CMY	0.5104, 0.4908, 0.6397
CMYK	0.04, 0.00, 0.29, 0.49
HSL	68°, 17%, 43%
HSV	68°, 29%, 51%
XYZ	18.3255, 21.0462, 13.1904
YIQ	124.1730, 9.2180, -12.8780

Conversions

Conversions Part 2

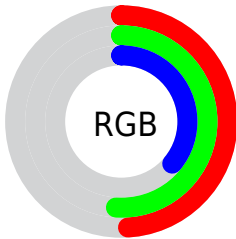
Format	Color
RYB	92, 130, 97
Decimal	8225372
CIELab	53.00, -8.56, 20.00
CIElCh	53, 21.760, 113.170
Yxy	21.0462, 0.3486, 0.4004
Android (android.graphics.Color)	4286415452 (0xFF7D825C)
YUV	124.1730, -15.8613, 0.7253
Hunter-Lab	45.8761, -8.9804, 15.0661

Details

The CIELCh color **53, 21.760, 113.170** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **41, 23.234, 297.990**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 21.579, 113.397**, and **33, 21.661, 114.081** is the 20% darker color. If you saturate the color by 10%, you get **53, 28.969, 112.444**, and if you desaturate by 10%, it is **53, 14.392, 113.920**.

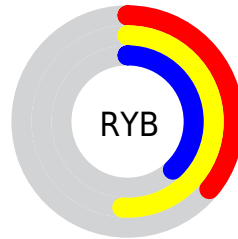
Distribution



Red (49%)

Green (51%)

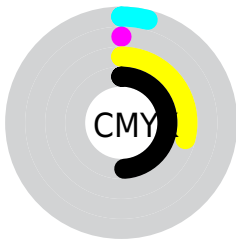
Blue (36%)



Red (36%)

Yellow (51%)

Blue (38%)

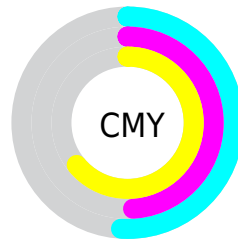


Cyan (4%)

Magenta (0%)

Yellow (29%)

Black (49%)



Cyan (51%)


Magenta (49%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 21.760, 113.170 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 53, 21.760, 113.170 by changing the saturation by 10% instead.


 53, 21.760,
113.170


 53, 21.760,
113.170


 100, 21.760,
113.170


 43, 21.760,
113.170


 73, 21.760,
113.170

 33, 21.760,
113.170

 83, 21.760,
113.170

 23, 21.760,
113.170

 93, 21.760,
113.170

 13, 21.760,
113.170

 3, 21.760, 113.170

 0, 21.760, 113.170

■ 53, 21.760,
113.170

■ 53, 21.760,
113.170

■ 53, 28.969,
112.444

■ 53, 14.392,
113.920

■ 52, 35.906,
111.759

■ 54, 6.934, 114.666

■ 52, 42.411,
111.156

■ 54, 0.564, 295.418

■ 55, 8.070, 296.110

■ 52, 48.253,
110.685

■ 55, 15.558,
296.789

■ 52, 53.128,
110.408

■ 56, 23.013,
297.436

■ 51, 56.713,
110.395

■ 57, 30.420,
298.049

■ 51, 59.220,
110.597

■ 57, 37.770,
298.625

■ 51, 59.409,

110.610

■ 58, 45.054,
299.165

Harmonies

Complementary

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



53, 21.760, 113.170



41, 23.234, 297.990

Rectangle

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



53, 21.760, 113.170



53, 21.760, 163.170



53, 21.760, 293.170



53, 21.760, 343.170

Sweetspot

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



53, 21.761, 113.173



68, 8.333, 114.670



44, 15.139, 31.201



35, 5.763, 114.578



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



53, 21.761, 113.173



67, 32.025, 112.693



52, 23.958, 131.757



27, 4.159, 114.679



50, 58.626, 110.596



0, 0.000, 0.000

Inverse Universe

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



41, 23.234, 297.990



49, 34.791, 298.744



43, 24.649, 314.263



24, 4.243, 296.051



14, 79.216, 306.943



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 53, 21.760, 113.170 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 53, 21.760, 113.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

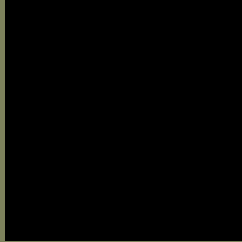
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 21.760, 113.170

Background



This preview shows how black text looks on a background with the CIELCh color 53, 21.760, 113.170.



This preview shows how white text looks on a background with the CIELCh color 53, 21.760, 113.170.

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


53, 21.760, 113.170

Protanopia

53, 21.106, 95.447

Deuteranopia

53, 20.126, 70.001



Tritanopia
53, 6.282, 312.765

Trichromacy



Original Color
53, 21.760, 113.170

Protanomaly
53, 20.711, 101.468

Deuteranomaly
53, 19.237, 86.338

Tritanomaly
53, 4.110, 98.232

Monochromacy



Original Color
53, 21.760, 113.170

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 8.125, 114.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 21.760, 113.170 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(125, 130, 92)` looks like.

```
.text, #text, p{  
    color:rgb(125, 130, 92)  
}
```

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(125, 130, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 130, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 21.760, 113.170 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(125, 130, 92) }
```

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

```
.border{ border-color:rgb(125, 130, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 130, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 130, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 130, 92);  
box-shadow:4px 4px 4px 4px rgb(125, 130,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 21.760, 113.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 130, 92) }
```

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

```
.background{ background-color: rgb(125,  
130, 92) }
```

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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