

Converting Colors

CIELCh(53, 46.676, 79.592)

Have a look what the booklet for
CIELCh(53, 46.676, 79.592) contains.

CIELCh(53, 46.858, 79.814)	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(53, 46.858, 79.814)

Conversions

Conversions Part 1

Format	Color
Hex	A1782C
RGB	161, 120, 44
RGB Percent	63%, 47%, 17%
CMY	0.3704, 0.5310, 0.8290
CMYK	0.00, 0.26, 0.73, 0.37
HSL	39°, 57%, 40%
HSV	39°, 73%, 63%
XYZ	21.7228, 21.0462, 5.2612
YIQ	123.5950, 48.8320, -14.9440

Conversions

Conversions Part 2

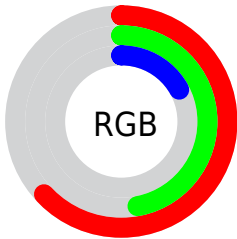
Format	Color
RYB	107, 161, 44
Decimal	10582060
CIELab	53.00, 8.29, 46.12
CIElCh	53, 46.858, 79.814
Yxy	21.0462, 0.4523, 0.4382
Android (android.graphics.Color)	4288772140 (0xFFA1782C)
YUV	123.5950, -39.2403, 32.8042
Hunter-Lab	45.8761, 4.2384, 25.3137

Details

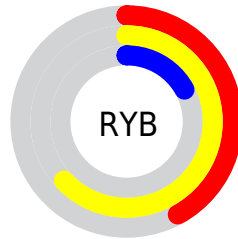
The CIELCh color **53, 46.858, 79.814** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **37, 47.163, 285.569**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 46.894, 79.789**, and **33, 43.155, 78.941** is the 20% darker color. If you saturate the color by 10%, you get **51, 52.233, 78.082**, and if you desaturate by 10%, it is **55, 40.680, 81.370**.

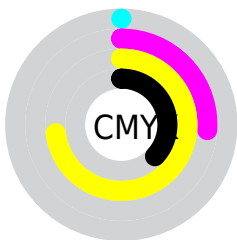
Distribution



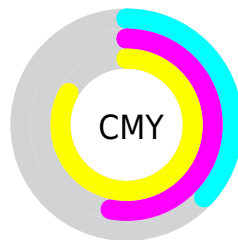
- Red (63%)
- Green (47%)
- Blue (17%)



- Red (42%)
- Yellow (63%)
- Blue (17%)



- Cyan (0%)
- Magenta (26%)
- Yellow (73%)
- Black (37%)



- Cyan (37%)
- Magenta (53%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 46.858, 79.814 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, 46.858, 79.814 by changing the saturation by 10% instead.

■ 53, 46.858, 79.814

■ 53, 46.858, 79.814

■ 100, 46.858,
79.814

■ 43, 46.858, 79.814

■ 73, 46.858, 79.814

■ 33, 46.858, 79.814

■ 83, 46.858, 79.814

■ 23, 46.858, 79.814

■ 93, 46.858, 79.814

■ 13, 46.858, 79.814

■ 3, 46.858, 79.814

■ 0, 46.858, 79.814

■ 53, 46.858, 79.814

■ 53, 46.858, 79.814

■ 51, 52.233, 78.082

■ 55, 40.680, 81.370

■ 50, 56.179, 76.010

■ 56, 34.138, 82.824

49, 58.370, 74.408

58, 27.490, 84.220

60, 20.874, 85.574

62, 14.360, 86.887

64, 7.978, 88.154

66, 1.739, 89.294

67, 4.359, 270.659

69, 10.324,
271.773

Harmonies

Complementary

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



53, 46.858, 79.814



37, 47.163, 285.569

Rectangle

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



53, 46.858, 79.814



53, 46.858, 129.814



53, 46.858, 259.814



53, 46.858, 309.814

Sweetspot

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



53, 46.858, 79.817



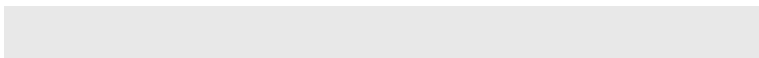
79, 17.143, 86.942



38, 50.907, 3.108



41, 11.528, 86.616



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



53, 46.858, 79.817



65, 66.618, 76.932



63, 59.326, 110.600



33, 3.454, 88.594



44, 53.576, 74.731



3, 4.340, 86.889

Inverse Universe

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



37, 47.163, 285.569



42, 71.046, 291.206



27, 73.485, 304.187



31, 3.448, 270.985



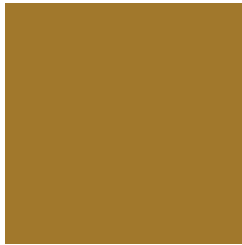
25, 60.482, 294.838



1, 4.573, 271.230

Previews

White Background



This preview shows how the CIELCh color 53, 46.858, 79.814 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 CIE LCh color 53, 46.858, 79.814 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, 46.858, 79.814

Background



This preview shows how black text looks on a background with the CIELCh color 53, 46.858, 79.814.



This preview shows how white text looks on a background with the CIELCh color 53, 46.858, 79.814.

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, 46.858, 79.814

Protanopia

53, 44.725, 95.420

Deuteranopia

53, 46.832, 81.002



Tritanopia
53, 22.945, 10.826

Trichromacy



Original Color
53, 46.858, 79.814

Protanomaly
53, 45.044, 89.236

Deuteranomaly
53, 47.054, 80.483

Tritanomaly
53, 26.197, 51.242

Monochromacy



Original Color
53, 46.858, 79.814

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 17.508, 85.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 46.858, 79.814 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(161, 120, 44)` looks like.

```
.text, #text, p{  
    color:rgb(161, 120, 44)  
}
```

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(161, 120, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 120, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 46.858, 79.814 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(161, 120, 44) }
```

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

```
.border{ border-color:rgb(161, 120, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 120, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 120, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 120, 44);  
box-shadow:4px 4px 4px 4px rgb(161, 120,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 46.858, 79.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 120, 44) }
```

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

```
.background{ background-color: rgb(161,  
120, 44) }
```

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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