

Converting Colors

CIELCh(55, 61.722, 114.275)

Have a look what the booklet for
CIELCh(55, 61.722, 114.275)
contains.

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Color

CIELCh(55, 61.845, 114.572)

Conversions

Conversions Part 1

Format	Color
Hex	738E0E
RGB	115, 142, 14
RGB Percent	45%, 56%, 5%
CMY	0.5500, 0.4441, 0.9468
CMYK	0.19, 0.00, 0.90, 0.44
HSL	73°, 83%, 30%
HSV	73°, 90%, 56%
XYZ	16.7485, 22.9298, 3.9432
YIQ	119.3350, 24.9960, -45.5320

Conversions

Conversions Part 2

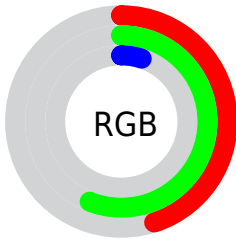
Format	Color
RYB	14, 142, 41
Decimal	7573006
CIELab	55.00, -25.72, 56.24
CIElCh	55, 61.845, 114.572
Yxy	22.9298, 0.3840, 0.5257
Android (android.graphics.Color)	4285763086 (0xFF738E0E)
YUV	119.3350, -51.9302, -3.8018
Hunter-Lab	47.8851, -21.3659, 28.6373

Details

The CIELCh color **55, 61.845, 114.572** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **19, 79.573, 307.026**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 61.823, 114.796**, and **35, 48.594, 120.092** is the 20% darker color. If you saturate the color by 10%, you get **55, 64.336, 115.051**, and if you desaturate by 10%, it is **55, 58.134, 114.321**.

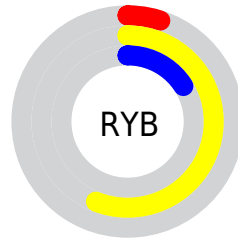
Distribution



Red (45%)

Green (56%)

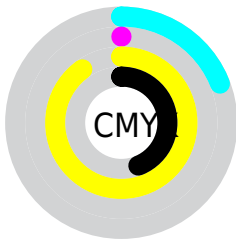
Blue (5%)



Red (5%)

Yellow (56%)

Blue (16%)

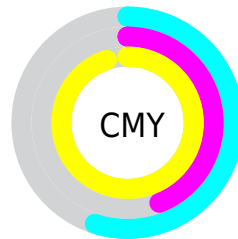


Cyan (19%)

Magenta (0%)

Yellow (90%)

Black (44%)



Cyan (55%)


Magenta (44%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 61.845, 114.572 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 55, 61.845, 114.572 by changing the saturation by 10% instead.


 55, 61.845,
114.572


 55, 61.845,
114.572


 100, 61.845,
114.572


 45, 61.845,
114.572


 75, 61.845,
114.572

 35, 61.845,
114.572

 85, 61.845,
114.572

 25, 61.845,
114.572

 95, 61.845,
114.572

 15, 61.845,
114.572

 5, 61.845, 114.572

 0, 61.845, 114.572

■ 55, 61.845,
114.572

■ 55, 61.845,
114.572

■ 55, 64.336,
115.051

■ 55, 58.134,
114.321

■ 56, 52.992,
114.399

■ 56, 46.758,
114.720

■ 56, 39.769,
115.204

■ 57, 32.287,
115.787

■ 57, 24.498,
116.422

■ 58, 16.526,
117.080

■ 58, 8.454, 117.738

Harmonies

Complementary

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



55, 61.845, 114.572



19, 79.573, 307.026

Rectangle

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



55, 61.845, 114.572



55, 61.845, 164.572



55, 61.845, 294.572



55, 61.845, 344.572

Sweetspot

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



55, 61.845, 114.574



73, 26.892, 116.609



32, 57.491, 43.000



38, 18.025, 116.417



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



55, 61.845, 114.574



70, 77.907, 115.286



52, 70.997, 132.482



30, 4.605, 117.819



52, 62.131, 115.002



2, 3.123, 118.406

Inverse Universe

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



19, 79.573, 307.026



23, 102.837, 307.355



27, 74.018, 317.969



28, 4.696, 299.025



16, 81.900, 307.538



0, 3.123, 298.405

Previews

White Background



This preview shows how the CIELCh color 55, 61.845, 114.572 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 55, 61.845, 114.572 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 55, 61.845, 114.572

Background



This preview shows how black text looks on a background with the CIELCh color 55, 61.845, 114.572.



This preview shows how white text looks on a background with the CIELCh color 55, 61.845, 114.572.

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
55, 61.845, 114.572

Protanopia
55, 58.404, 95.521

Deuteranopia
55, 54.523, 83.031



Tritanopia
55, 6.134, 269.150

Trichromacy



Original Color
55, 61.845, 114.572

Protanomaly
55, 58.882, 103.062

Deuteranomaly
55, 54.944, 95.438

Tritanomaly
55, 23.969, 121.760

Monochromacy



Original Color
55, 61.845, 114.572

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 26.572, 116.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 61.845, 114.572 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(115, 142, 14)` looks like.

```
.text, #text, p{  
    color:rgb(115, 142, 14)  
}
```

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(115, 142, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 142, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 61.845, 114.572 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(115, 142, 14) }
```

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

```
.border{ border-color:rgb(115, 142, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 142, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 142, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 142, 14);  
box-shadow:4px 4px 4px 4px rgb(115, 142,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 61.845, 114.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 142, 14) }
```

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

```
.background{ background-color: rgb(115,  
142, 14) }
```

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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