

Converting Colors

CIELCh(24, 53.986, 41.660)

Have a look what the booklet for
CIELCh(24, 53.986, 41.660) contains.

CIELCh(24, 53.706, 41.359)	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(24, 53.706, 41.359)

Conversions

Conversions Part 1

Format	Color
Hex	731200
RGB	115, 18, 0
RGB Percent	45%, 7%, 0%
CMY	0.5482, 0.9284, 0.9991
CMYK	0.00, 0.84, 1.00, 0.55
HSL	9°, 100%, 23%
HSV	9°, 100%, 45%
XYZ	7.3195, 4.1002, 0.4119
YIQ	44.9510, 63.5900, 14.9660

Conversions

Conversions Part 2

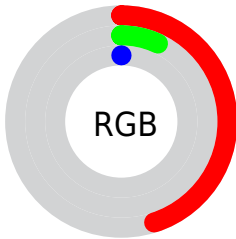
Format	Color
RYB	115, 21, 0
Decimal	7541248
CIELab	24.00, 40.31, 35.49
CIELCh	24, 53.706, 41.359
Yxy	4.1002, 0.6186, 0.3465
Android (android.graphics.Color)	4285731328 (0xFF731200)
YUV	44.9510, -22.1608, 61.4330
Hunter-Lab	20.2490, 29.0877, 12.9682

Details

The CIELCh color **24, 53.706, 41.359** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **38, 24.231, 224.708**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 53.544, 41.369**, and **8, 30.726, 24.702** is the 20% darker color. If you saturate the color by 10%, you get **24, 53.787, 41.380**, and if you desaturate by 10%, it is **25, 49.054, 40.747**.

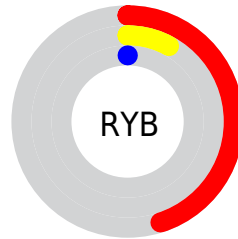
Distribution



Red (45%)

Green (7%)

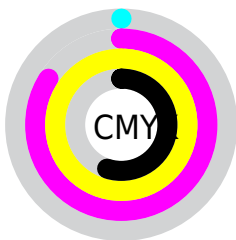
Blue (0%)



Red (45%)

Yellow (8%)

Blue (0%)

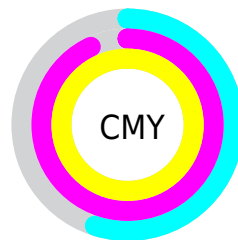


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 53.706, 41.359 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 24, 53.706, 41.359 by changing the saturation by 10% instead.

■ 24, 53.706, 41.359

■ 24, 53.706, 41.359

■ 100, 53.706,
41.359

■ 14, 53.706, 41.359

■ 44, 53.706, 41.359

■ 4, 53.706, 41.359

■ 54, 53.706, 41.359

■ 0, 53.706, 41.359

■ 64, 53.706, 41.359

■ 74, 53.706, 41.359

■ 84, 53.706, 41.359

■ 94, 53.706, 41.359

■ 24, 53.706, 41.359

■ 24, 53.706, 41.359

24, 53.787, 41.380

25, 49.054, 40.747

27, 43.102, 39.453

29, 36.775, 38.066

31, 30.523, 36.904

34, 24.525, 36.012

37, 18.864, 35.372

39, 13.578, 34.943

42, 8.670, 34.679

45, 4.127, 34.520

Harmonies

Complementary

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



24, 53.706, 41.359



38, 24.231, 224.708

Rectangle

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



24, 53.706, 41.359



24, 53.706, 91.359



24, 53.706, 221.359



24, 53.706, 271.359

Sweetspot

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



24, 53.704, 41.361



51, 17.070, 34.977



25, 57.405, 334.917



25, 11.894, 35.105



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



24, 53.704, 41.361



32, 67.460, 42.395



35, 45.833, 75.449



23, 2.396, 34.508



26, 56.717, 41.715



54, 99.896, 41.956

Inverse Universe

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



38, 24.231, 224.708



49, 29.386, 225.599



19, 50.547, 293.942



24, 2.268, 214.762



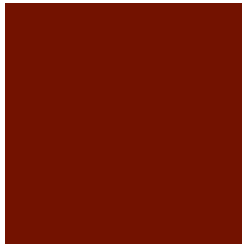
40, 25.313, 224.959



78, 42.880, 226.776

Previews

White Background



This preview shows how the CIE LCh color 24, 53.706, 41.359 looks on a white background.

Color Contrast Check

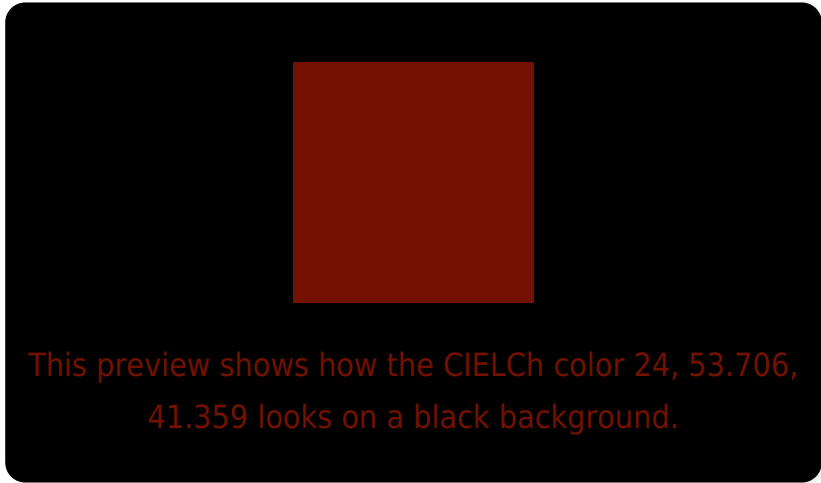
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

CIELCh 24, 53.706, 41.359

Background



This preview shows how black text looks on a background with the CIELCh color 24, 53.706, 41.359.



This preview shows how white text looks on a background with the CIELCh color 24, 53.706, 41.359.

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

24, 53.706, 41.359

Protanopia

25, 28.328, 96.511

Deuteranopia

25, 34.294, 86.257



Tritanopia
24, 49.947, 34.863

Trichromacy



Original Color
24, 53.706, 41.359

Protanomaly
23, 32.969, 62.042

Deuteranomaly
23, 38.227, 60.603

Tritanomaly
24, 51.493, 37.548

Monochromacy



Original Color
24, 53.706, 41.359

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 20.106, 35.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 53.706, 41.359 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, 18, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 18, 0)  
}
```

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, 18, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 18, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 53.706, 41.359 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, 18, 0) }
```

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

```
.border{ border-color:rgb(115, 18, 0) }
```

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

Here you see how a box with a 4 pixel rgb(115, 18, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 18, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 18, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 18, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 53.706, 41.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 18, 0) }
```

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

```
.background{ background-color: rgb(115, 18,  
0) }
```

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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