

Converting Colors

CIELCh(24, 34.499, 49.568)

Have a look what the booklet for
CIELCh(24, 34.499, 49.568) contains.

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Color

CIELCh(24, 34.499, 49.629)

Conversions

Conversions Part 1

Format	Color
Hex	5F2A12
RGB	95, 42, 18
RGB Percent	37%, 16%, 7%
CMY	0.6286, 0.8362, 0.9303
CMYK	0.00, 0.56, 0.81, 0.63
HSL	19°, 68%, 22%
HSV	19°, 81%, 37%
XYZ	5.6173, 4.1002, 1.0583
YIQ	55.1110, 39.2920, 3.7720

Conversions

Conversions Part 2

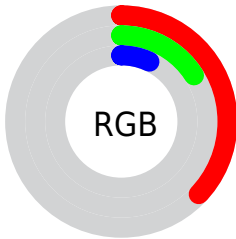
Format	Color
RYB	95, 53, 18
Decimal	6236690
CIELab	24.00, 22.35, 26.28
CIELCh	24, 34.499, 49.629
Yxy	4.1002, 0.5213, 0.3805
Android (android.graphics.Color)	4284426770 (0xFF5F2A12)
YUV	55.1110, -18.2957, 34.9827
Hunter-Lab	20.2490, 14.0823, 11.0756

Details

The CIELCh color **24, 34.499, 49.629** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **28, 20.599, 247.508**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 34.432, 49.545**, and **5, 22.482, 19.877** is the 20% darker color. If you saturate the color by 10%, you get **22, 38.944, 48.806**, and if you desaturate by 10%, it is **26, 29.483, 49.814**.

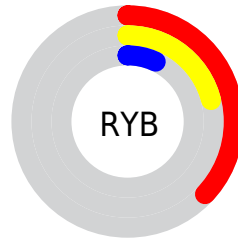
Distribution



Red (37%)

Green (16%)

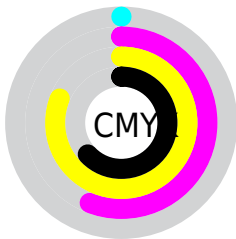
Blue (7%)



Red (37%)

Yellow (21%)

Blue (7%)

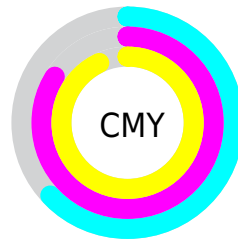


Cyan (0%)

Magenta (56%)

Yellow (81%)

Black (63%)



Cyan (63%)

Magenta (84%)

Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 34.499, 49.629 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, 34.499, 49.629 by changing the saturation by 10% instead.

 24, 34.499, 49.629

 24, 34.499, 49.629

 100, 34.499,
49.629

 14, 34.499, 49.629

 44, 34.499, 49.629

 4, 34.499, 49.629

 54, 34.499, 49.629

 0, 34.499, 49.629

 64, 34.499, 49.629

 74, 34.499, 49.629

 84, 34.499, 49.629

 94, 34.499, 49.629

 24, 34.499, 49.629

 24, 34.499, 49.629

■ 22, 38.944, 48.806

■ 26, 29.483, 49.814

■ 21, 42.327, 47.920

■ 27, 24.561, 50.010

■ 29, 19.858, 50.287

■ 31, 15.424, 50.660

■ 33, 11.272, 51.120

■ 36, 7.396, 51.651

■ 38, 3.778, 52.216

■ 40, 0.397, 52.208

■ 42, 2.770, 233.721

Harmonies

Complementary

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



24, 34.499, 49.629



28, 20.599, 247.508

Rectangle

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



24, 34.499, 49.629



24, 34.499, 99.629



24, 34.499, 229.629



24, 34.499, 279.629

Sweetspot

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



24, 34.498, 49.632



45, 10.454, 51.459



21, 41.535, 341.004



21, 7.175, 51.333



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



24, 34.498, 49.632



29, 51.706, 48.802



34, 36.314, 91.216



19, 1.908, 52.342



26, 49.399, 48.550



56, 90.199, 47.449

Inverse Universe

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



28, 20.599, 247.508



34, 27.946, 255.050



16, 42.709, 295.745



19, 1.828, 233.772



31, 26.653, 255.774



64, 48.041, 259.202

Previews

White Background



This preview shows how the CIE LCh color 24, 34.499, 49.629 looks on a white background.

Color Contrast Check

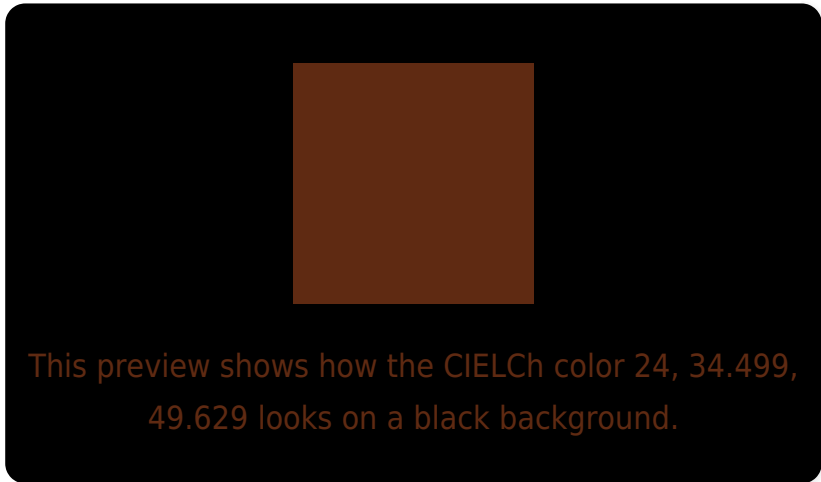
Large Text (above 18pt) WCAG AA ✓ Pass

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

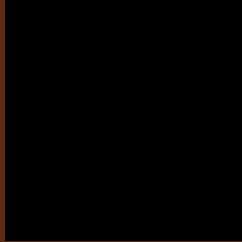
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 34.499, 49.629

Background



This preview shows how black text looks on a background with the CIELCh color 24, 34.499, 49.629.



This preview shows how white text looks on a background with the CIELCh color 24, 34.499, 49.629.

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, 34.499, 49.629

Protanopia

24, 23.180, 95.880

Deuteranopia

24, 28.157, 83.713



Tritanopia
24, 28.416, 22.555

Trichromacy



Original Color
24, 34.499, 49.629

Protanomaly
24, 24.977, 73.648

Deuteranomaly
24, 28.974, 68.628

Tritanomaly
24, 30.108, 34.259

Monochromacy



Original Color
24, 34.499, 49.629

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 11.542, 51.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 34.499, 49.629 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(95, 42, 18)` looks like.

```
.text, #text, p{  
    color:rgb(95, 42, 18)  
}
```

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(95, 42, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 42, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 34.499, 49.629 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(95, 42, 18) }
```

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

```
.border{ border-color:rgb(95, 42, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 42, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 42, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 42, 18);  
box-shadow:4px 4px 4px 4px rgb(95, 42, 18)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 34.499, 49.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 42, 18) }
```

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

```
.background{ background-color: rgb(95, 42,  
18) }
```

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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