

Converting Colors

CIELCh(24, 42.985, 50.869)

Have a look what the booklet for
CIELCh(24, 42.985, 50.869) contains.

CIELCh(24, 43.066, 50.798)	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, 43.066, 50.798)

Conversions

Conversions Part 1

Format	Color
Hex	652503
RGB	101, 37, 3
RGB Percent	40%, 15%, 1%
CMY	0.6038, 0.8548, 0.9881
CMYK	0.00, 0.63, 0.97, 0.60
HSL	21°, 94%, 20%
HSV	21°, 97%, 40%
XYZ	6.0497, 4.1002, 0.5598
YIQ	52.2600, 49.0580, 2.9940

Conversions

Conversions Part 2

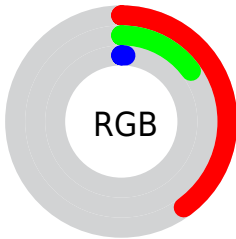
Format	Color
RYB	101, 55, 3
Decimal	6628611
CIELab	24.00, 27.22, 33.37
CIElCh	24, 43.066, 50.798
Yxy	4.1002, 0.5649, 0.3829
Android (android.graphics.Color)	4284818691 (0xFF652503)
YUV	52.2600, -24.2852, 42.7450
Hunter-Lab	20.2490, 17.8937, 12.5353

Details

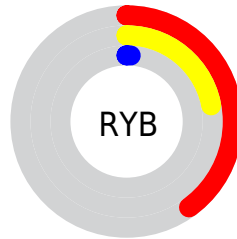
The CIELCh color **24, 43.066, 50.798** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **27, 25.422, 259.955**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 43.064, 50.832**, and **6, 25.251, 20.809** is the 20% darker color. If you saturate the color by 10%, you get **24, 44.302, 50.521**, and if you desaturate by 10%, it is **25, 38.796, 51.984**.

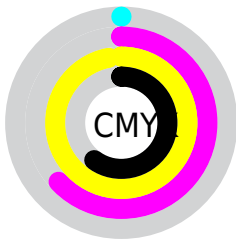
Distribution



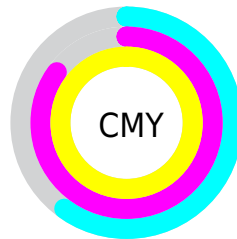
- Red (40%)
- Green (15%)
- Blue (1%)



- Red (40%)
- Yellow (22%)
- Blue (1%)



- Cyan (0%)
- Magenta (63%)
- Yellow (97%)
- Black (60%)



- Cyan (60%)
- Magenta (85%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 43.066, 50.798 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, 43.066, 50.798 by changing the saturation by 10% instead.

■ 24, 43.066, 50.798

■ 24, 43.066, 50.798

■ 100, 43.066,
50.798

■ 14, 43.066, 50.798

■ 44, 43.066, 50.798

■ 4, 43.066, 50.798

■ 54, 43.066, 50.798

■ 0, 43.066, 50.798

■ 64, 43.066, 50.798

■ 74, 43.066, 50.798

■ 84, 43.066, 50.798

■ 94, 43.066, 50.798

■ 24, 43.066, 50.798

■ 24, 43.066, 50.798

■ 24, 44.302, 50.521

■ 25, 38.796, 51.984

■ 27, 33.736, 52.563

■ 29, 28.585, 53.024

■ 31, 23.572, 53.498

■ 33, 18.799, 54.033

■ 35, 14.303, 54.639

■ 37, 10.087, 55.307

■ 39, 6.141, 56.017

■ 41, 2.445, 56.713

Harmonies

Complementary

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



24, 43.066, 50.798



27, 25.422, 259.955

Rectangle

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



24, 43.066, 50.798



24, 43.066, 100.798



24, 43.066, 230.798



24, 43.066, 280.798

Sweetspot

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



24, 43.065, 50.801



47, 13.682, 55.109



21, 45.817, 345.522



23, 9.409, 54.906



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



24, 43.065, 50.801



32, 56.005, 50.777



36, 43.381, 91.782



20, 1.991, 56.588



27, 49.618, 50.784



57, 89.193, 49.261

Inverse Universe

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



27, 25.422, 259.955



35, 32.128, 262.784



12, 56.783, 301.413



20, 1.915, 238.253



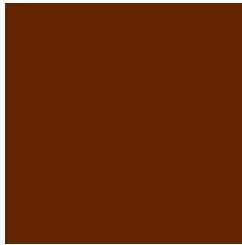
30, 28.701, 261.944



62, 51.663, 265.299

Previews

White Background



This preview shows how the CIE LCh color 24, 43.066, 50.798 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



This preview shows how the CIELCh color 24, 43.066, 50.798 looks on a 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, 43.066, 50.798

Background



This preview shows how black text looks on a background with the CIELCh color 24, 43.066, 50.798.



This preview shows how white text looks on a background with the CIELCh color 24, 43.066, 50.798.

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, 43.066, 50.798

Protanopia

25, 29.212, 96.448

Deuteranopia

24, 33.599, 84.889



Tritanopia
24, 34.249, 26.169

Trichromacy



Original Color
24, 43.066, 50.798

Protanomaly
24, 31.178, 74.052

Deuteranomaly
24, 35.303, 68.822

Tritanomaly
24, 37.322, 37.891

Monochromacy



Original Color
24, 43.066, 50.798

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 15.237, 55.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 43.066, 50.798 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(101, 37, 3)` looks like.

```
.text, #text, p{  
    color:rgb(101, 37, 3)  
}
```

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(101, 37, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 37, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 43.066, 50.798 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(101, 37, 3) }
```

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

```
.border{ border-color:rgb(101, 37, 3) }
```

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

Here you see how a box with a 4 pixel rgb(101, 37, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 37, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 37, 3);  
box-shadow:4px 4px 4px 4px rgb(101, 37, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 43.066, 50.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 37, 3) }
```

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

```
.background{ background-color: rgb(101, 37,  
3) }
```

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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