

Converting Colors

CIELCh(43, 65.736, 52.446)

Have a look what the booklet for
CIELCh(43, 65.736, 52.446) contains.

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Color

CIELCh(43, 65.736, 52.446)

Conversions

Conversions Part 1

Format	Color
Hex	AD4505
RGB	173, 69, 5
RGB Percent	68%, 27%, 2%
CMY	0.3215, 0.7293, 0.9803
CMYK	0.00, 0.60, 0.97, 0.32
HSL	23°, 94%, 35%
HSV	23°, 97%, 68%
XYZ	19.3972, 13.1578, 1.6618
YIQ	92.8000, 82.5280, 2.1440

Conversions

Conversions Part 2

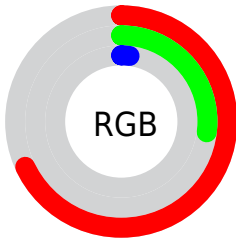
Format	Color
R_{YB}	173, 108, 5
Decimal	11355397
CIE _{Lab}	43.00, 40.07, 52.11
CIE _{LCh}	43, 65.736, 52.446
Yxy	13.1578, 0.5669, 0.3845
Android (android.graphics.Color)	4289545477 (0xFFAD4505)
YUV	92.8000, -43.2854, 70.3354
Hunter-Lab	36.2736, 31.9736, 22.6753

Details

The CIELCh color **43, 65.736, 52.446** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **44, 41.268, 267.993**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 65.765, 52.818**, and **23, 53.278, 40.480** is the 20% darker color. If you saturate the color by 10%, you get **42, 67.513, 52.095**, and if you desaturate by 10%, it is **45, 59.657, 54.066**.

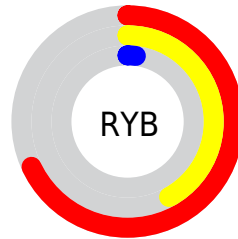
Distribution



Red (68%)

Green (27%)

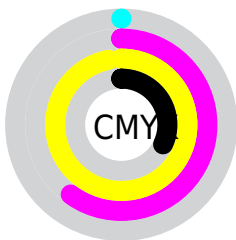
Blue (2%)



Red (68%)

Yellow (42%)

Blue (2%)

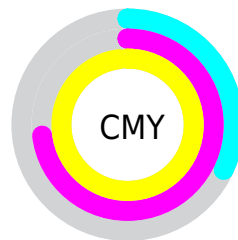


Cyan (0%)

Magenta (60%)

Yellow (97%)

Black (32%)



Cyan (32%)

Magenta (73%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 65.736, 52.446 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 43, 65.736, 52.446 by changing the saturation by 10% instead.

43, 65.736, 52.446

43, 65.736, 52.446

100, 65.736,
52.446

33, 65.736, 52.446

63, 65.736, 52.446

23, 65.736, 52.446

73, 65.736, 52.446

13, 65.736, 52.446

83, 65.736, 52.446

3, 65.736, 52.446

93, 65.736, 52.446

0, 65.736, 52.446

43, 65.736, 52.446

43, 65.736, 52.446

42, 67.513, 52.095

45, 59.657, 54.066

48, 52.322, 55.119

■ 50, 44.531, 55.906

■ 53, 36.810, 56.634

■ 56, 29.400, 57.387

■ 59, 22.394, 58.192

■ 62, 15.816, 59.046

■ 65, 9.654, 59.933

■ 68, 3.877, 60.803

Harmonies

Complementary

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



43, 65.736, 52.446



44, 41.268, 267.993

Rectangle

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



43, 65.736, 52.446



43, 65.736, 102.446



43, 65.736, 232.446



43, 65.736, 282.446

Sweetspot

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



43, 65.734, 52.448



78, 21.087, 58.836



38, 66.222, 349.239



39, 14.652, 58.482



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



43, 65.734, 52.448



55, 82.465, 51.425



62, 65.609, 93.758



35, 3.123, 60.620



37, 60.682, 52.533



3, 6.390, 52.881

Inverse Universe

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



44, 41.268, 267.993



56, 51.988, 270.331



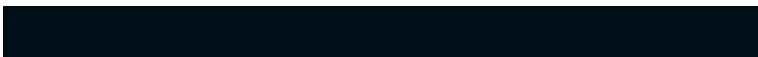
23, 90.754, 303.673



35, 3.004, 242.625



38, 37.809, 268.733



3, 6.733, 252.853

Previews

White Background



This preview shows how the CIELCh color 43, 65.736, 52.446 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 × Fail

Black Background



This preview shows how the CIELCh color 43, 65.736, 52.446 looks on a black 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

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

CIELCh 43, 65.736, 52.446

Background



This preview shows how black text looks on a background with the CIELCh color 43, 65.736, 52.446.



This preview shows how white text looks on a background with the CIELCh color 43, 65.736, 52.446.

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

43, 65.736, 52.446

Protanopia

43, 45.550, 95.989

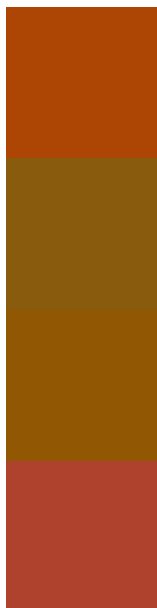
Deuteranopia

43, 50.727, 84.258



Tritanopia
43, 50.574, 25.741

Trichromacy



Original Color
43, 65.736, 52.446

Protanomaly
42, 48.540, 75.412

Deuteranomaly
43, 53.812, 69.860

Tritanomaly
43, 55.574, 39.392

Monochromacy



Original Color
43, 65.736, 52.446

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 23.574, 56.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 65.736, 52.446 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(173, 69, 5)` looks like.

```
.text, #text, p{  
    color:rgb(173, 69, 5)  
}
```

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(173, 69, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 69, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 65.736, 52.446 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(173, 69, 5) }
```

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

```
.border{ border-color:rgb(173, 69, 5) }
```

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

Here you see how a box with a 4 pixel rgb(173, 69, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 69, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 69, 5);  
box-shadow:4px 4px 4px 4px rgb(173, 69, 5)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 65.736, 52.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 69, 5) }
```

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

```
.background{ background-color: rgb(173, 69,  
5) }
```

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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