

Converting Colors

CIELCh(43, 23.209, 130.691)

Have a look what the booklet for
CIELCh(43, 23.209, 130.691)
contains.

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Color

CIELCh(43, 23.221, 130.488)

Conversions

Conversions Part 1

Format	Color
Hex	576C48
RGB	87, 108, 72
RGB Percent	34%, 42%, 28%
CMY	0.6597, 0.5774, 0.7185
CMYK	0.19, 0.00, 0.33, 0.58
HSL	95°, 20%, 35%
HSV	95°, 33%, 42%
XYZ	10.4110, 13.1578, 8.0853
YIQ	97.6170, -0.9600, -15.6480

Conversions

Conversions Part 2

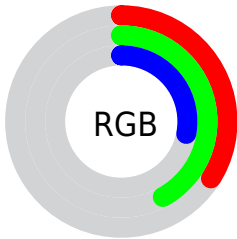
Format	Color
RYB	72, 108, 93
Decimal	5729352
CIELab	43.00, -15.08, 17.66
CIELCh	43, 23.221, 130.488
Yxy	13.1578, 0.3289, 0.4157
Android (android.graphics.Color)	4283919432 (0xFF576C48)
YUV	97.6170, -12.6292, -9.3111
Hunter-Lab	36.2736, -12.2470, 12.1760

Details

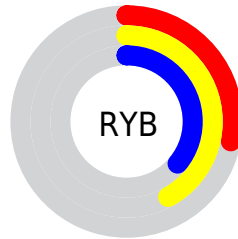
The CIELCh color $43, 23.221, 130.488$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $34, 24.060, 313.341$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 23.512, 131.075$, and $23, 22.652, 130.121$ is the 20% darker color. If you saturate the color by 10%, you get $42, 30.018, 130.026$, and if you desaturate by 10%, it is $44, 16.297, 130.952$.

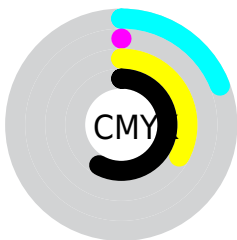
Distribution



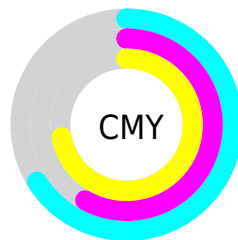
- Red (34%)
- Green (42%)
- Blue (28%)



- Red (28%)
- Yellow (42%)
- Blue (36%)



- Cyan (19%)
- Magenta (0%)
- Yellow (33%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 23.221, 130.488 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, 23.221, 130.488 by changing the saturation by 10% instead.

 43, 23.221,
130.488

 43, 23.221,
130.488

 100, 23.221,
130.488

 33, 23.221,
130.488

 63, 23.221,
130.488

 23, 23.221,
130.488

 73, 23.221,
130.488

 13, 23.221,
130.488

 83, 23.221,
130.488

 3, 23.221, 130.488

 93, 23.221,
130.488

 0, 23.221, 130.488

 43, 23.221,

 43, 23.221,

130.488

130.488

■ 42, 30.018,
130.026

■ 44, 16.297,
130.952

■ 42, 36.574,
129.595

■ 44, 9.320, 131.397

■ 41, 42.737,
129.247

■ 45, 2.350, 131.837

■ 46, 4.575, 312.153

■ 41, 48.299,
129.060

■ 47, 11.423,
312.505

■ 40, 53.002,
129.137

■ 48, 18.174,
312.811

■ 40, 56.639,
129.556

■ 49, 24.813,
313.083

■ 40, 58.889,
129.759

■ 50, 31.332,
313.323

■ 51, 37.724,

Harmonies

Complementary

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



43, 23.221, 130.488



34, 24.060, 313.341

Rectangle

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



43, 23.221, 130.488



43, 23.221, 180.488



43, 23.221, 310.488



43, 23.221, 0.488

Sweetspot

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



43, 23.222, 130.489



57, 8.631, 131.532



40, 14.551, 79.745



30, 5.936, 131.486



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 23.222, 130.489



55, 34.401, 130.131



42, 24.932, 144.482



22, 3.885, 131.588



43, 62.645, 129.909



86, 108.852, 130.806

Inverse Universe

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



34, 24.060, 313.341



41, 35.957, 313.685



36, 24.942, 328.579



20, 3.926, 312.269



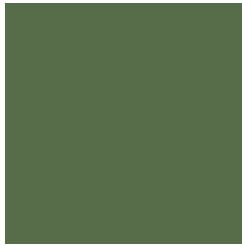
18, 68.826, 314.400



42, 119.025, 313.767

Previews

White Background



This preview shows how the CIELCh color 43, 23.221, 130.488 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 CIE LCh color 43, 23.221, 130.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

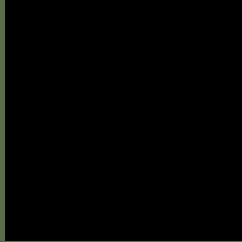
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 23.221, 130.488

Background



This preview shows how black text looks on a background with the CIELCh color 43, 23.221, 130.488.



This preview shows how white text looks on a background with the CIELCh color 43, 23.221, 130.488.

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, 23.221, 130.488

Protanopia

43, 19.509, 94.989

Deuteranopia

43, 17.596, 70.860



Tritanopia
43, 6.119, 251.190

Trichromacy



Original Color
43, 23.221, 130.488

Protanomaly
43, 19.567, 108.609

Deuteranomaly
43, 17.007, 96.828

Tritanomaly
43, 7.552, 159.021

Monochromacy



Original Color
43, 23.221, 130.488

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 8.562, 132.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 23.221, 130.488 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(87, 108, 72)` looks like.

```
.text, #text, p{  
    color:rgb(87, 108, 72)  
}
```

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(87, 108, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 108, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 23.221, 130.488 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(87, 108, 72) }
```

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

```
.border{ border-color:rgb(87, 108, 72) }
```

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

Here you see how a box with a 4 pixel rgb(87, 108, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 108, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 108, 72);  
box-shadow:4px 4px 4px 4px rgb(87, 108,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 23.221, 130.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 108, 72) }
```

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

```
.background{ background-color: rgb(87, 108,  
72) }
```

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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