

Converting Colors

CIELCh(43, 10.415, 138.675)

Have a look what the booklet for
CIELCh(43, 10.415, 138.675)
contains.

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Color

CIELCh(43, 10.355, 138.186)

Conversions

Conversions Part 1

Format	Color
Hex	5D695A
RGB	93, 105, 90
RGB Percent	36%, 41%, 35%
CMY	0.6354, 0.5884, 0.6472
CMYK	0.11, 0.00, 0.14, 0.59
HSL	108°, 8%, 38%
HSV	108°, 14%, 41%
XYZ	11.4017, 13.1578, 11.6031
YIQ	99.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

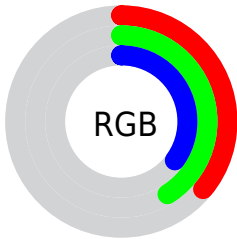
Format	Color
R_{YB}	90, 105, 102
Decimal	6121818
CIE Lab	43.00, -7.72, 6.90
CIE LCh	43, 10.355, 138.186
Yxy	13.1578, 0.3153, 0.3639
Android (android.graphics.Color)	4284311898 (0xFF5D695A)
YUV	99.7020, -4.7831, -5.8777
Hunter-Lab	36.2736, -7.3720, 6.4260

Details

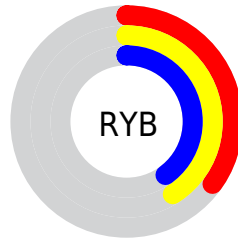
The CIELCh color $43, 10.355, 138.186$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40, 10.428, 319.395$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 10.307, 138.730$, and $23, 10.662, 137.371$ is the 20% darker color. If you saturate the color by 10%, you get $42, 17.646, 137.664$, and if you desaturate by 10%, it is $44, 3.090, 138.676$.

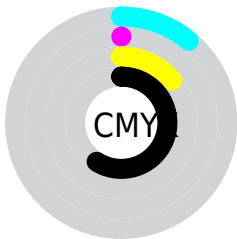
Distribution



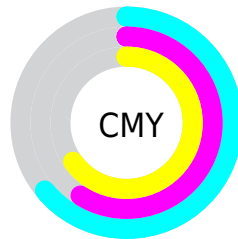
- Red (36%)
- Green (41%)
- Blue (35%)



- Red (35%)
- Yellow (41%)
- Blue (40%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (59%)





- Cyan (64%)
- Magenta (59%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 10.355, 138.186 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, 10.355, 138.186 by changing the saturation by 10% instead.


 43, 10.355,
138.186


 43, 10.355,
138.186


 100, 10.355,
138.186


 33, 10.355,
138.186

 63, 10.355,
138.186


 23, 10.355,
138.186

 73, 10.355,
138.186

 13, 10.355,
138.186


 83, 10.355,
138.186

 3, 10.355, 138.186

 93, 10.355,
138.186

 0, 10.355, 138.186

 43, 10.355,

 43, 10.355,

138.186

■ 42, 17.646,
137.664

■ 41, 24.886,
137.087

■ 41, 31.973,
136.466

■ 40, 38.772,
135.824

■ 39, 45.105,
135.208

■ 39, 50.740,
134.691

■ 39, 55.405,
134.375

■ 38, 58.937,
134.301

138.186

■ 44, 3.090, 138.676

■ 45, 4.096, 319.004

■ 46, 11.165,
319.374

■ 47, 18.089,
319.680

■ 49, 24.852,
319.943

■ 50, 31.445,
320.167

■ 51, 37.864,
320.359

■ 53, 44.108,
320.524

■ 38, 60.810,
134.119

■ 54, 50.182,
320.664

Harmonies

Complementary

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



43, 10.355, 138.186



40, 10.428, 319.395

Rectangle

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



43, 10.355, 138.186



43, 10.355, 188.186



43, 10.355, 318.186



43, 10.355, 8.186

Sweetspot

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



43, 10.356, 138.187



57, 3.599, 138.685



43, 7.292, 98.860



29, 2.540, 138.654



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



43, 10.356, 138.187



55, 15.412, 138.025



43, 8.910, 153.339



22, 4.129, 138.446



43, 65.918, 134.253



85, 114.262, 134.814

Inverse Universe

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



40, 10.428, 319.395



51, 15.537, 319.532



40, 8.965, 335.190



21, 4.151, 319.165



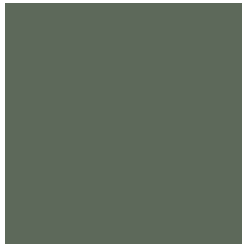
23, 66.280, 320.981



50, 114.241, 320.583

Previews

White Background



This preview shows how the CIE LCh color 43, 10.355, 138.186 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, 10.355, 138.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

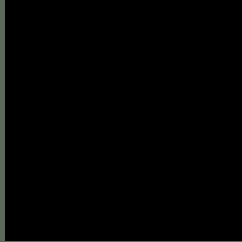
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

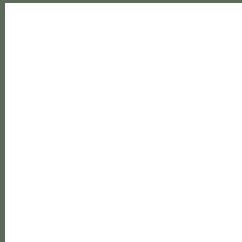
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 10.355, 138.186

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.355, 138.186.

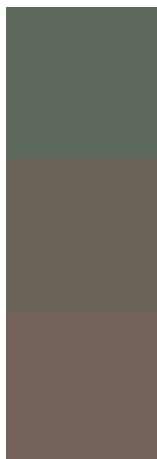


This preview shows how white text looks on a background with the CIELCh color 43, 10.355, 138.186.

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, 10.355, 138.186

Protanopia

43, 8.083, 93.359

Deuteranopia

43, 8.571, 49.330



Tritanopia
43, 5.319, 264.417

Trichromacy



Original Color
43, 10.355, 138.186

Protanomaly
43, 7.798, 112.194

Deuteranomaly
43, 6.524, 85.835

Tritanomaly
43, 3.242, 199.111

Monochromacy



Original Color
43, 10.355, 138.186

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 4.186, 139.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 10.355, 138.186 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(93, 105, 90)` looks like.

```
.text, #text, p{  
    color:rgb(93, 105, 90)  
}
```

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(93, 105, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 105, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.355, 138.186 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(93, 105, 90) }
```

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

```
.border{ border-color:rgb(93, 105, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 105, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 105, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 105, 90);  
box-shadow:4px 4px 4px 4px rgb(93, 105,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.355, 138.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 105, 90) }
```

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

```
.background{ background-color: rgb(93, 105,  
90) }
```

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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