

Converting Colors

CIELCh(43, 36.300, 121.178)

Have a look what the booklet for
CIELCh(43, 36.300, 121.178)
contains.

CIELCh(43, 36.355, 121.365)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 36.355, 121.365)

Conversions

Conversions Part 1

Format	Color
Hex	576D30
RGB	87, 109, 48
RGB Percent	34%, 43%, 19%
CMY	0.6591, 0.5728, 0.8120
CMYK	0.20, 0.00, 0.56, 0.57
HSL	82°, 39%, 31%
HSV	82°, 56%, 43%
XYZ	9.9170, 13.1578, 4.8061
YIQ	95.4680, 6.4690, -23.6350

Conversions

Conversions Part 2

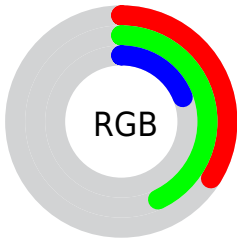
Format	Color
R_{YB}	48, 109, 70
Decimal	5729584
CIE Lab	43.00, -18.92, 31.04
CIE LCh	43, 36.355, 121.365
Yxy	13.1578, 0.3557, 0.4719
Android (android.graphics.Color)	4283919664 (0xFF576D30)
YUV	95.4680, -23.4017, -7.4264
Hunter-Lab	36.2736, -14.6779, 17.5359

Details

The CIELCh color $43, 36.355, 121.365$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $25, 40.478, 307.613$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 36.667, 121.693$, and $23, 36.231, 121.317$ is the 20% darker color. If you saturate the color by 10%, you get $43, 42.008, 121.082$, and if you desaturate by 10%, it is $43, 30.258, 121.776$.

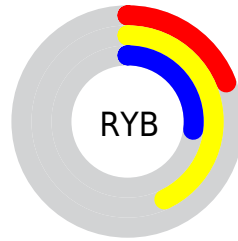
Distribution



 Red (34%)

 Green (43%)

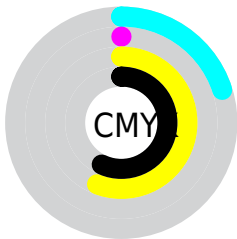
 Blue (19%)



 Red (19%)

 Yellow (43%)

 Blue (27%)

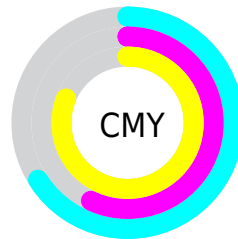


 Cyan (20%)


 Magenta (0%)

 Yellow (56%)

 Black (57%)



 Cyan (66%)


 Magenta (57%)


 Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 36.355, 121.365 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, 36.355, 121.365 by changing the saturation by 10% instead.


 43, 36.355,
121.365


 43, 36.355,
121.365


 100, 36.355,
121.365


 33, 36.355,
121.365

 63, 36.355,
121.365


 23, 36.355,
121.365

 73, 36.355,
121.365

 13, 36.355,
121.365

 83, 36.355,
121.365

 3, 36.355, 121.365

 93, 36.355,
121.365

 0, 36.355, 121.365

 43, 36.355,

 43, 36.355,

121.365

■ 43, 42.008,
121.082

■ 42, 46.995,
121.003

■ 42, 51.053,
121.226

■ 42, 54.148,
121.755

■ 42, 55.390,
121.928

121.365

■ 43, 30.258,
121.776

■ 44, 23.877,
122.254

■ 44, 17.326,
122.763

■ 45, 10.682,
123.276

■ 46, 4.001, 123.783

■ 46, 2.679, 304.234

■ 47, 9.332, 304.698

■ 48, 15.936,
305.122

■ 48, 22.477,

Harmonies

Complementary

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



43, 36.355, 121.365



25, 40.478, 307.613

Rectangle

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



43, 36.355, 121.365



43, 36.355, 171.365



43, 36.355, 301.365



43, 36.355, 351.365

Sweetspot

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



43, 36.356, 121.367



58, 14.174, 123.201



33, 24.583, 53.827



29, 9.413, 123.129



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, 36.356, 121.367



55, 52.868, 121.035



41, 41.717, 136.902



22, 3.700, 123.634



45, 58.439, 122.056



88, 101.230, 122.958

Inverse Universe

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



25, 40.478, 307.613



29, 60.718, 308.512



29, 42.207, 322.566



20, 3.759, 304.506



14, 72.010, 309.615



35, 124.787, 309.027

Previews

White Background



This preview shows how the CIELCh color 43, 36.355, 121.365 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, 36.355, 121.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

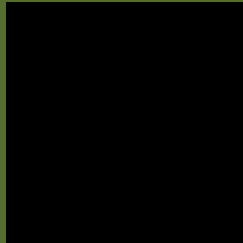
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 36.355, 121.365

Background



This preview shows how black text looks on a background with the CIELCh color 43, 36.355, 121.365.



This preview shows how white text looks on a background with the CIELCh color 43, 36.355, 121.365.

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](#).

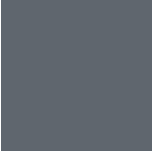
Dichromacy



Original Color
43, 36.355, 121.365

Protanopia
43, 32.504, 95.043

Deuteranopia
43, 30.737, 79.645



Tritanopia
43, 5.494, 260.740

Trichromacy



Original Color
43, 36.355, 121.365

Protanomaly
43, 32.857, 105.317

Deuteranomaly
43, 30.206, 96.511

Tritanomaly
43, 12.150, 135.713

Monochromacy



Original Color
43, 36.355, 121.365

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 13.689, 123.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 36.355, 121.365 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, 109, 48)` looks like.

```
.text, #text, p{  
    color:rgb(87, 109, 48)  
}
```

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, 109, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 109, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 36.355, 121.365 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, 109, 48) }
```

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

```
.border{ border-color:rgb(87, 109, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 109, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 109, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 109, 48);  
box-shadow:4px 4px 4px 4px rgb(87, 109,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 36.355, 121.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 109, 48) }
```

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

```
.background{ background-color: rgb(87, 109,  
48) }
```

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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