

Converting Colors

CIELCh(43, 18.645, 121.558)

Have a look what the booklet for
CIELCh(43, 18.645, 121.558)
contains.

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Color

CIELCh(43, 18.361, 121.566)

Conversions

Conversions Part 1

Format	Color
Hex	5F694B
RGB	95, 105, 75
RGB Percent	37%, 41%, 29%
CMY	0.6258, 0.5866, 0.7043
CMYK	0.09, 0.00, 0.28, 0.59
HSL	80°, 17%, 35%
HSV	80°, 28%, 41%
XYZ	11.1410, 13.1578, 8.6811
YIQ	98.5900, 3.6700, -11.4500

Conversions

Conversions Part 2

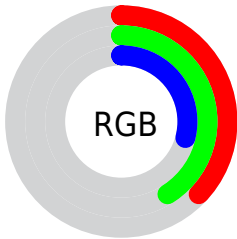
Format	Color
RYB	75, 105, 85
Decimal	6252875
CIELab	43.00, -9.61, 15.64
CIELCh	43, 18.361, 121.566
Yxy	13.1578, 0.3378, 0.3990
Android (android.graphics.Color)	4284442955 (0xFF5F694B)
YUV	98.5900, -11.6299, -3.1484
Hunter-Lab	36.2736, -8.6549, 11.2021

Details

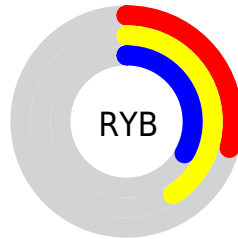
The CIELCh color $43, 18.361, 121.566$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $34, 19.317, 304.723$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 18.213, 121.137$, and $23, 18.248, 122.328$ is the 20% darker color. If you saturate the color by 10%, you get $43, 24.668, 121.049$, and if you desaturate by 10%, it is $44, 11.949, 122.099$.

Distribution



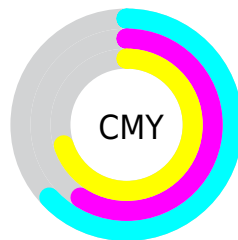
- Red (37%)
- Green (41%)
- Blue (29%)



- Red (29%)
- Yellow (41%)
- Blue (33%)



- Cyan (9%)
- Magenta (0%)
- Yellow (28%)
- Black (59%)



- Cyan (63%)
- Magenta (59%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 18.361, 121.566 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, 18.361, 121.566 by changing the saturation by 10% instead.


 43, 18.361,
121.566


 43, 18.361,
121.566

 100, 18.361,
121.566

 33, 18.361,
121.566

 63, 18.361,
121.566

 23, 18.361,
121.566

 73, 18.361,
121.566

 13, 18.361,
121.566


 83, 18.361,
121.566

 3, 18.361, 121.566

 93, 18.361,
121.566

 0, 18.361, 121.566

 43, 18.361,

 43, 18.361,

121.566

■ 43, 24.668,
121.049

■ 42, 30.784,
120.569

■ 42, 36.592,
120.168

■ 41, 41.922,
119.907

■ 41, 46.548,
119.867

■ 41, 50.214,
120.144

■ 40, 53.184,
120.613

■ 40, 53.656,
120.665

121.566

■ 44, 11.949,
122.099

■ 44, 5.484, 122.624

■ 45, 0.991, 303.083

■ 45, 7.450, 303.594

■ 46, 13.870,
304.046

■ 47, 20.236,
304.466

■ 47, 26.538,
304.855

■ 48, 32.766,
305.214

■ 49, 38.915,

Harmonies

Complementary

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



43, 18.361, 121.566



34, 19.317, 304.723

Rectangle

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



43, 18.361, 121.566



43, 18.361, 171.566



43, 18.361, 301.566



43, 18.361, 351.566

Sweetspot

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



43, 18.362, 121.568



57, 7.250, 122.584



38, 11.124, 51.789



29, 5.001, 122.526



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, 18.362, 121.568



55, 27.206, 121.229



42, 20.872, 137.895



22, 3.683, 122.598



45, 57.952, 120.844



88, 100.320, 121.716

Inverse Universe

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



34, 19.317, 304.723



42, 29.000, 305.181



36, 21.105, 320.506



20, 3.744, 303.511



14, 72.382, 309.180



35, 125.430, 308.617

Previews

White Background



This preview shows how the CIE LCh color 43, 18.361, 121.566 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, 18.361, 121.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

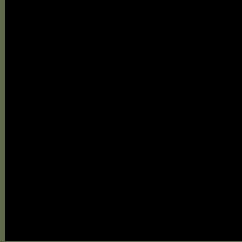
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 18.361, 121.566

Background



This preview shows how black text looks on a background with the CIELCh color 43, 18.361, 121.566.



This preview shows how white text looks on a background with the CIELCh color 43, 18.361, 121.566.

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, 18.361, 121.566

Protanopia
43, 16.527, 94.998

Deuteranopia
43, 15.826, 68.745



Tritanopia
43, 4.828, 286.133

Trichromacy



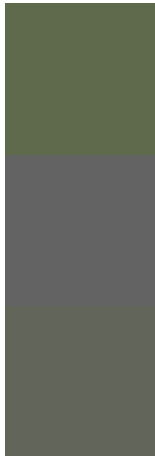
Original Color
43, 18.361, 121.566

Protanomaly
43, 16.649, 106.159

Deuteranomaly
43, 15.082, 90.458

Tritanomaly
43, 4.178, 139.577

Monochromacy



Original Color
43, 18.361, 121.566

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.738, 120.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 18.361, 121.566 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(95, 105, 75)` looks like.

```
.text, #text, p{  
    color:rgb(95, 105, 75)  
}
```

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(95, 105, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 105, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 18.361, 121.566 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(95, 105, 75) }
```

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

```
.border{ border-color:rgb(95, 105, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 105, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 105, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 105, 75);  
box-shadow:4px 4px 4px 4px rgb(95, 105,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 18.361, 121.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 105, 75) }
```

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

```
.background{ background-color: rgb(95, 105,  
75) }
```

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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