

Converting Colors

CIELCh(43, 23.739, 127.516)

Have a look what the booklet for
CIELCh(43, 23.739, 127.516)
contains.

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Color

CIELCh(43, 23.286, 127.062)

Conversions

Conversions Part 1

Format	Color
Hex	596B46
RGB	89, 107, 70
RGB Percent	35%, 42%, 27%
CMY	0.6499, 0.5793, 0.7244
CMYK	0.17, 0.00, 0.35, 0.58
HSL	89°, 21%, 35%
HSV	89°, 35%, 42%
XYZ	10.5478, 13.1578, 7.8223
YIQ	97.4000, 1.1490, -15.3230

Conversions

Conversions Part 2

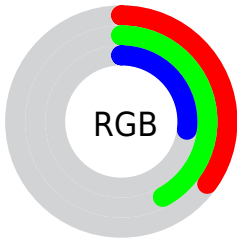
Format	Color
R_{YB}	70, 107, 88
Decimal	5860166
CIE _{Lab}	43.00, -14.03, 18.58
CIE _{LCh}	43, 23.286, 127.062
Yxy	13.1578, 0.3346, 0.4173
Android (android.graphics.Color)	4284050246 (0xFF596B46)
YUV	97.4000, -13.5082, -7.3668
Hunter-Lab	36.2736, -11.5739, 12.6058

Details

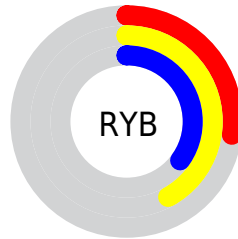
The CIELCh color $43, 23.286, 127.062$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $33, 24.416, 310.219$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 22.806, 126.572$, and $23, 23.553, 127.834$ is the 20% darker color. If you saturate the color by 10%, you get $42, 29.843, 126.617$, and if you desaturate by 10%, it is $44, 16.588, 127.526$.

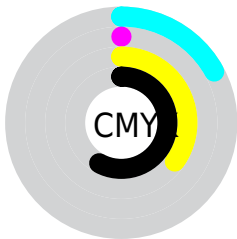
Distribution



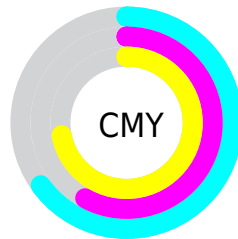
- Red (35%)
- Green (42%)
- Blue (27%)



- Red (27%)
- Yellow (42%)
- Blue (35%)



- Cyan (17%)
- Magenta (0%)
- Yellow (35%)
- Black (58%)





- Cyan (65%)
- Magenta (58%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 23.286, 127.062 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, 23.286, 127.062 by changing the saturation by 10% instead.


 43, 23.286,
127.062


 43, 23.286,
127.062


 100, 23.286,
127.062


 33, 23.286,
127.062

 63, 23.286,
127.062


 23, 23.286,
127.062

 73, 23.286,
127.062

 13, 23.286,
127.062

 83, 23.286,
127.062

 3, 23.286, 127.062

 93, 23.286,
127.062

 0, 23.286, 127.062

 43, 23.286,

 43, 23.286,

127.062

127.062

■ 42, 29.843,
126.617

■ 44, 16.588,
127.526

■ 42, 36.148,
126.221

■ 44, 9.821, 127.982

■ 41, 42.049,
125.932

■ 45, 3.041, 128.431

■ 46, 3.713, 308.792

■ 41, 47.336,
125.829

■ 47, 10.414,
309.178

■ 41, 51.756,
126.015

■ 47, 17.041,
309.521

■ 40, 55.169,
126.537

■ 48, 23.580,
309.832

■ 40, 56.991,
126.761

■ 49, 30.021,
310.112

■ 50, 36.357,

Harmonies

Complementary

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



43, 23.286, 127.062



33, 24.416, 310.219

Rectangle

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



43, 23.286, 127.062



43, 23.286, 177.062



43, 23.286, 307.062



43, 23.286, 357.062

Sweetspot

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



43, 23.287, 127.064



57, 8.431, 128.171



39, 14.206, 69.633



30, 5.798, 128.124



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, 23.287, 127.064



55, 34.318, 126.719



42, 27.014, 141.735



22, 3.796, 128.229



44, 60.817, 126.927



87, 105.598, 127.878

Inverse Universe

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



33, 24.416, 310.219



40, 36.410, 310.623



35, 27.027, 325.717



20, 3.845, 308.963



16, 70.210, 312.045



39, 121.573, 311.395

Previews

White Background



This preview shows how the CIELCh color 43, 23.286, 127.062 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, 23.286, 127.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

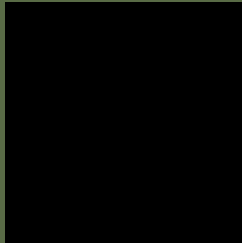
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 23.286, 127.062

Background



This preview shows how black text looks on a background with the CIELCh color 43, 23.286, 127.062.



This preview shows how white text looks on a background with the CIELCh color 43, 23.286, 127.062.

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, 23.286, 127.062

Protanopia

43, 20.081, 95.228

Deuteranopia

43, 18.093, 71.845



Tritanopia
43, 5.494, 260.740

Trichromacy



Original Color
43, 23.286, 127.062

Protanomaly
43, 20.146, 108.487

Deuteranomaly
43, 17.681, 95.601

Tritanomaly
43, 6.667, 152.552

Monochromacy



Original Color
43, 23.286, 127.062

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 8.245, 127.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 23.286, 127.062 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(89, 107, 70)` looks like.

```
.text, #text, p{  
    color:rgb(89, 107, 70)  
}
```

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(89, 107, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 107, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 23.286, 127.062 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(89, 107, 70) }
```

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

```
.border{ border-color:rgb(89, 107, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 107, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 107, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 107, 70);  
box-shadow:4px 4px 4px 4px rgb(89, 107,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 23.286, 127.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 107, 70) }
```

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

```
.background{ background-color: rgb(89, 107,  
70) }
```

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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