

Converting Colors

CIELCh(44, 25.993, 125.660)

Have a look what the booklet for
CIELCh(44, 25.993, 125.660)
contains.

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Color

CIELCh(44, 26.029, 125.646)

Conversions

Conversions Part 1

Format	Color
Hex	5B6E44
RGB	91, 110, 68
RGB Percent	36%, 43%, 27%
CMY	0.6425, 0.5680, 0.7327
CMYK	0.17, 0.00, 0.38, 0.57
HSL	87°, 24%, 35%
HSV	87°, 38%, 43%
XYZ	10.9715, 13.8382, 7.5860
YIQ	99.5310, 2.1580, -17.0900

Conversions

Conversions Part 2

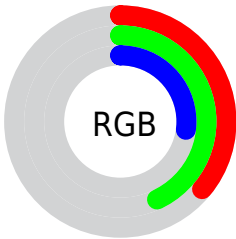
Format	Color
RYB	68, 110, 87
Decimal	5992004
CIELab	44.00, -15.17, 21.15
CIELCh	44, 26.029, 125.646
Yxy	13.8382, 0.3387, 0.4272
Android (android.graphics.Color)	4284182084 (0xFF5B6E44)
YUV	99.5310, -15.5448, -7.4817
Hunter-Lab	37.1997, -12.4536, 13.9491

Details

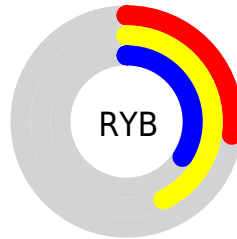
The CIELCh color $44, 26.029, 125.646$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $33, 27.564, 309.308$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 26.067, 125.790$, and $24, 25.629, 125.690$ is the 20% darker color. If you saturate the color by 10%, you get $43, 32.583, 125.211$, and if you desaturate by 10%, it is $45, 19.291, 126.115$.

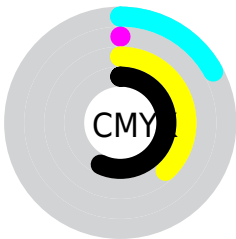
Distribution



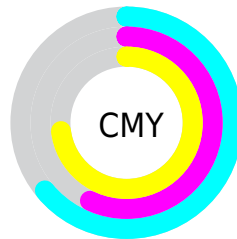
- Red (36%)
- Green (43%)
- Blue (27%)



- Red (27%)
- Yellow (43%)
- Blue (34%)



- Cyan (17%)
- Magenta (0%)
- Yellow (38%)
- Black (57%)



- Cyan (64%)
- Magenta (57%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 26.029, 125.646 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 44, 26.029, 125.646 by changing the saturation by 10% instead.


 44, 26.029,
125.646


 44, 26.029,
125.646


 100, 26.029,
125.646

 34, 26.029,
125.646

 64, 26.029,
125.646


 24, 26.029,
125.646

 74, 26.029,
125.646

 14, 26.029,
125.646

 84, 26.029,
125.646

 4, 26.029, 125.646

 94, 26.029,
125.646

 0, 26.029, 125.646

 44, 26.029,

 44, 26.029,

125.646

125.646

■ 43, 32.583,
125.211

■ 45, 19.291,
126.115

■ 43, 38.824,
124.848

■ 45, 12.455,
126.585

■ 43, 44.577,
124.623

■ 46, 5.581, 127.047

■ 42, 49.605,
124.626

■ 47, 1.285, 307.414

■ 47, 8.111, 307.859

■ 42, 53.641,
124.963

■ 48, 14.876,
308.233

■ 42, 56.859,
125.527

■ 49, 21.562,
308.573

■ 41, 57.474,
125.604

■ 50, 28.158,
308.881

■ 51, 34.655,

Harmonies

Complementary

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



44, 26.029, 125.646



33, 27.564, 309.308

Rectangle

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



44, 26.029, 125.646



44, 26.029, 175.646



44, 26.029, 305.646



44, 26.029, 355.646

Sweetspot

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



44, 26.030, 125.648



58, 9.343, 126.902



39, 16.024, 65.687



30, 6.235, 126.858



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 26.030, 125.648



56, 38.559, 125.249



43, 30.135, 140.647



23, 3.918, 127.006



45, 61.114, 125.756



88, 105.237, 126.680

Inverse Universe

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



33, 27.564, 309.308



39, 41.483, 309.829



35, 30.207, 324.919



21, 3.972, 307.777



16, 71.820, 311.291



38, 123.444, 310.668

Previews

White Background



This preview shows how the CIELCh color 44, 26.029, 125.646 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 44, 26.029, 125.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

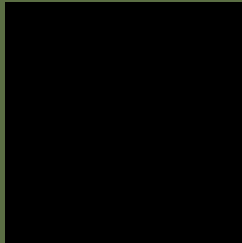
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 26.029, 125.646

Background



This preview shows how black text looks on a background with the CIELCh color 44, 26.029, 125.646.



This preview shows how white text looks on a background with the CIELCh color 44, 26.029, 125.646.

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

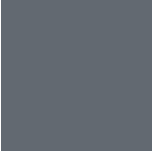
44, 26.029, 125.646

Protanopia

44, 22.824, 96.289

Deuteranopia

44, 20.601, 73.152



Tritanopia
44, 5.468, 260.695

Trichromacy



Original Color
44, 26.029, 125.646

Protanomaly
44, 22.920, 107.987

Deuteranomaly
44, 20.017, 95.299

Tritanomaly
44, 7.562, 146.430

Monochromacy



Original Color
44, 26.029, 125.646

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 10.044, 126.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 26.029, 125.646 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(91, 110, 68)` looks like.

```
.text, #text, p{  
    color:rgb(91, 110, 68)  
}
```

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(91, 110, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 110, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 26.029, 125.646 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(91, 110, 68) }
```

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

```
.border{ border-color:rgb(91, 110, 68) }
```

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

Here you see how a box with a 4 pixel rgb(91, 110, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 110, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 110, 68);  
box-shadow:4px 4px 4px 4px rgb(91, 110,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 26.029, 125.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 110, 68) }
```

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

```
.background{ background-color: rgb(91, 110,  
68) }
```

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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