

Converting Colors

CIELCh(44, 24.890, 125.896)

Have a look what the booklet for
CIELCh(44, 24.890, 125.896)
contains.

CIELCh(44, 24.802, 125.642)	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(44, 24.802, 125.642)

Conversions

Conversions Part 1

Format	Color
Hex	5C6E46
RGB	92, 110, 70
RGB Percent	36%, 43%, 27%
CMY	0.6396, 0.5691, 0.7259
CMYK	0.16, 0.00, 0.36, 0.57
HSL	87°, 22%, 35%
HSV	87°, 36%, 43%
XYZ	11.0687, 13.8382, 7.8648
YIQ	100.0580, 2.1120, -16.2560

Conversions

Conversions Part 2

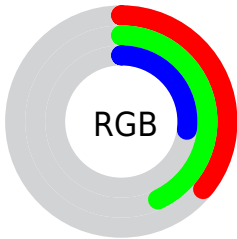
Format	Color
RYB	70, 110, 88
Decimal	6057542
CIELab	44.00, -14.45, 20.16
CIELCh	44, 24.802, 125.642
Yxy	13.8382, 0.3378, 0.4223
Android (android.graphics.Color)	4284247622 (0xFF5C6E46)
YUV	100.0580, -14.8186, -7.0669
Hunter-Lab	37.1997, -11.9874, 13.5047

Details

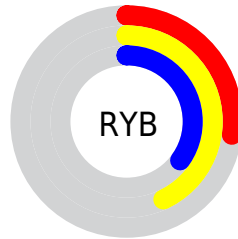
The CIELCh color $44, 24.802, 125.642$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $33, 26.194, 309.134$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 24.904, 125.755$, and $24, 24.374, 125.740$ is the 20% darker color. If you saturate the color by 10%, you get $43, 31.379, 125.199$, and if you desaturate by 10%, it is $45, 18.060, 126.113$.

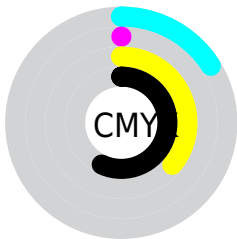
Distribution



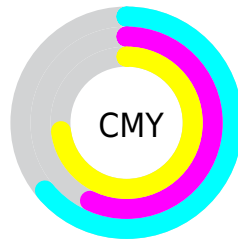
- Red (36%)
- Green (43%)
- Blue (27%)



- Red (27%)
- Yellow (43%)
- Blue (35%)



- Cyan (16%)
- Magenta (0%)
- Yellow (36%)
- Black (57%)



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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 24.802, 125.642 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, 24.802, 125.642 by changing the saturation by 10% instead.


 44, 24.802,
125.642


 44, 24.802,
125.642


 100, 24.802,
125.642

 34, 24.802,
125.642

 64, 24.802,
125.642

 24, 24.802,
125.642

 74, 24.802,
125.642

 14, 24.802,
125.642

 84, 24.802,
125.642

 4, 24.802, 125.642

 94, 24.802,
125.642

 0, 24.802, 125.642

 44, 24.802,

 44, 24.802,

125.642

125.642

■ 43, 31.379,
125.199

■ 45, 18.060,
126.113

■ 43, 37.668,
124.819

■ 45, 11.231,
126.584

■ 43, 43.506,
124.564

■ 46, 4.373, 127.045

■ 42, 48.666,
124.519

■ 47, 2.470, 307.430

■ 47, 9.271, 307.847

■ 42, 52.883,
124.789

■ 48, 16.007,
308.215

■ 41, 56.148,
125.358

■ 49, 22.663,
308.551

■ 41, 57.329,
125.516

■ 50, 29.227,
308.855

■ 51, 35.692,

Harmonies

Complementary

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



44, 24.802, 125.642



33, 26.194, 309.134

Rectangle

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



44, 24.802, 125.642



44, 24.802, 175.642



44, 24.802, 305.642



44, 24.802, 355.642

Sweetspot

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



44, 24.803, 125.644



58, 9.338, 126.819



39, 15.190, 65.874



30, 6.232, 126.775



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, 24.803, 125.644



56, 36.935, 125.250



43, 28.729, 140.789



23, 3.916, 126.924



45, 61.069, 125.672



88, 105.157, 126.596

Inverse Universe

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



33, 26.194, 309.134



39, 39.605, 309.639



35, 28.801, 324.840



21, 3.971, 307.697



16, 71.854, 311.244



38, 123.504, 310.622

Previews

White Background



This preview shows how the CIELCh color 44, 24.802, 125.642 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, 24.802, 125.642 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, 24.802, 125.642

Background



This preview shows how black text looks on a background with the CIELCh color 44, 24.802, 125.642.



This preview shows how white text looks on a background with the CIELCh color 44, 24.802, 125.642.

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

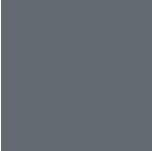
44, 24.802, 125.642

Protanopia

44, 22.258, 96.127

Deuteranopia

44, 20.098, 72.350



Tritanopia
44, 5.468, 260.695

Trichromacy



Original Color
44, 24.802, 125.642

Protanomaly
44, 22.351, 108.097

Deuteranomaly
44, 19.446, 95.059

Tritanomaly
44, 7.562, 146.430

Monochromacy



Original Color
44, 24.802, 125.642

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 9.476, 127.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 24.802, 125.642 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(92, 110, 70)` looks like.

```
.text, #text, p{  
    color:rgb(92, 110, 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(92, 110, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 110, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 24.802, 125.642 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(92, 110, 70) }
```

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

```
.border{ border-color:rgb(92, 110, 70) }
```

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

Here you see how a box with a 4 pixel rgb(92, 110, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 110, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 110, 70);  
box-shadow:4px 4px 4px 4px rgb(92, 110,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 24.802, 125.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 110, 70) }
```

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

```
.background{ background-color: rgb(92, 110,  
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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