

Converting Colors

CIELCh(44, 22.799, 145.726)

Have a look what the booklet for
CIELCh(44, 22.799, 145.726)
contains.

CIELCh(44, 22.855, 145.741)	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, 22.855, 145.741)

Conversions

Conversions Part 1

Format	Color
Hex	4E7052
RGB	78, 112, 82
RGB Percent	31%, 44%, 32%
CMY	0.6938, 0.5605, 0.6781
CMYK	0.30, 0.00, 0.27, 0.56
HSL	127°, 18%, 37%
HSV	127°, 30%, 44%
XYZ	10.4761, 13.8382, 10.1158
YIQ	98.4140, -10.6340, -16.5380

Conversions

Conversions Part 2

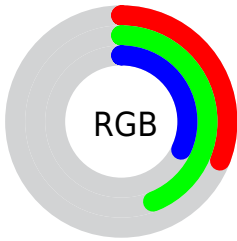
Format	Color
RYB	78, 108, 112
Decimal	5140562
CIELab	44.00, -18.89, 12.87
CIELCh	44, 22.855, 145.741
Yxy	13.8382, 0.3043, 0.4019
Android (android.graphics.Color)	4283330642 (0xFF4E7052)
YUV	98.4140, -8.0921, -17.9031
Hunter-Lab	37.1997, -14.8306, 9.9169

Details

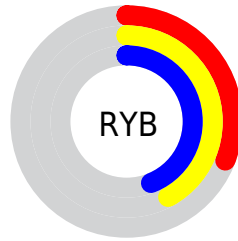
The CIELCh color **44, 22.855, 145.741** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **38, 22.890, 329.509**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 22.694, 146.158**, and **24, 22.809, 145.407** is the 20% darker color. If you saturate the color by 10%, you get **43, 30.250, 144.827**, and if you desaturate by 10%, it is **45, 15.320, 146.536**.

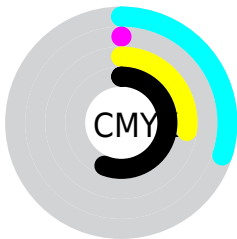
Distribution



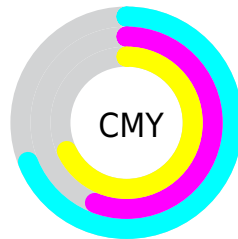
- Red (31%)
- Green (44%)
- Blue (32%)



- Red (31%)
- Yellow (42%)
- Blue (44%)



- Cyan (30%)
- Magenta (0%)
- Yellow (27%)
- Black (56%)



- Cyan (69%)
- Magenta (56%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 22.855, 145.741 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, 22.855, 145.741 by changing the saturation by 10% instead.


 44, 22.855,
145.741


 44, 22.855,
145.741


 100, 22.855,
145.741

 34, 22.855,
145.741

 64, 22.855,
145.741


 24, 22.855,
145.741

 74, 22.855,
145.741

 14, 22.855,
145.741

 84, 22.855,
145.741

 4, 22.855, 145.741

 94, 22.855,
145.741

 0, 22.855, 145.741

 44, 22.855,

 44, 22.855,

145.741

145.741

■ 43, 30.250,
144.827

■ 45, 15.320,
146.536

■ 42, 37.362,
143.785

■ 46, 7.755, 147.230

■ 42, 44.032,
142.616

■ 47, 0.248, 148.550

■ 49, 7.135, 328.275

■ 41, 50.078,
141.339

■ 50, 14.351,
328.728

■ 41, 55.309,
140.003

■ 51, 21.369,
329.115

■ 41, 59.537,
138.687

■ 53, 28.175,
329.450

■ 41, 62.687,
137.726

■ 55, 34.762,
329.744

■ 56, 41.129,

Harmonies

Complementary

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



44, 22.855, 145.741



38, 22.890, 329.509

Rectangle

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



44, 22.855, 145.741



44, 22.855, 195.741



44, 22.855, 325.741



44, 22.855, 15.741

Sweetspot

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



44, 22.856, 145.741



59, 8.347, 147.302



46, 19.966, 112.482



31, 5.850, 147.226



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



44, 22.856, 145.741



56, 33.479, 145.152



44, 15.622, 167.652



23, 4.218, 147.318



43, 65.921, 137.623



85, 114.483, 136.928

Inverse Universe

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



38, 22.890, 329.509



47, 33.497, 329.886



37, 16.604, 353.435



22, 4.227, 328.282



27, 60.504, 333.325



57, 102.814, 333.656

Previews

White Background



This preview shows how the CIELCh color 44, 22.855, 145.741 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 CIE LCh color 44, 22.855, 145.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

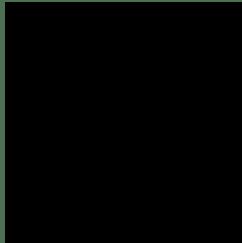
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 22.855, 145.741

Background



This preview shows how black text looks on a background with the CIELCh color 44, 22.855, 145.741.



This preview shows how white text looks on a background with the CIELCh color 44, 22.855, 145.741.

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, 22.855, 145.741

Protanopia

44, 15.769, 96.350

Deuteranopia

44, 12.766, 64.262



Tritanopia
44, 10.024, 227.247

Trichromacy



Original Color
44, 22.855, 145.741

Protanomaly
44, 16.955, 119.803

Deuteranomaly
44, 11.915, 106.315

Tritanomaly
44, 11.038, 182.300

Monochromacy



Original Color
44, 22.855, 145.741

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 8.355, 146.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 22.855, 145.741 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(78, 112, 82)` looks like.

```
.text, #text, p{  
    color:rgb(78, 112, 82)  
}
```

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(78, 112, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 112, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 22.855, 145.741 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(78, 112, 82) }
```

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

```
.border{ border-color:rgb(78, 112, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 112, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 112, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 112, 82);  
box-shadow:4px 4px 4px 4px rgb(78, 112,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 22.855, 145.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 112, 82) }
```

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

```
.background{ background-color: rgb(78, 112,  
82) }
```

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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