

Converting Colors

CIELCh(44, 6.550, 126.315)

Have a look what the booklet for
CIELCh(44, 6.550, 126.315) contains.

CIELCh(44, 6.904, 127.025)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 6.904, 127.025)

Conversions

Conversions Part 1

Format	Color
Hex	656A5F
RGB	101, 106, 95
RGB Percent	40%, 42%, 37%
CMY	0.6048, 0.5852, 0.6283
CMYK	0.05, 0.00, 0.10, 0.59
HSL	87°, 5%, 39%
HSV	87°, 10%, 41%
XYZ	12.5286, 13.8382, 12.7850
YIQ	103.2510, 0.5510, -4.4810

Conversions

Conversions Part 2

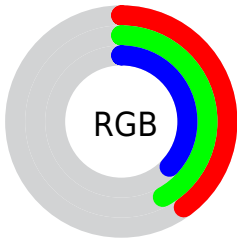
Format	Color
R_{YB}	95, 106, 100
Decimal	6646367
CIE _{Lab}	44.00, -4.16, 5.51
CIE _{LCh}	44, 6.904, 127.025
Yxy	13.8382, 0.3200, 0.3534
Android (android.graphics.Color)	4284836447 (0xFF656A5F)
YUV	103.2510, -4.0677, -1.9741
Hunter-Lab	37.1997, -4.9818, 5.6627

Details

The CIELCh color **44, 6.904, 127.025** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 7.012, 307.922**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 6.958, 125.759**, and **24, 7.009, 128.420** is the 20% darker color. If you saturate the color by 10%, you get **43, 13.553, 126.569**, and if you desaturate by 10%, it is **45, 0.257, 127.705**.

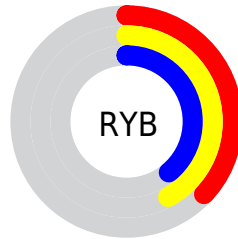
Distribution



Red (40%)

Green (42%)

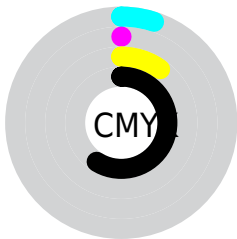
Blue (37%)



Red (37%)

Yellow (42%)

Blue (39%)

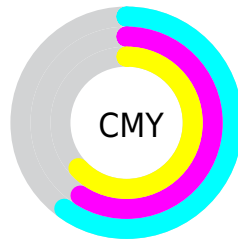


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (59%)



Cyan (60%)













Magenta (59%)







Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 6.904, 127.025 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, 6.904, 127.025 by changing the saturation by 10% instead.

 44, 6.904, 127.025	 44, 6.904, 127.025
 100, 6.904, 127.025	 34, 6.904, 127.025
 64, 6.904, 127.025	 24, 6.904, 127.025
 74, 6.904, 127.025	 14, 6.904, 127.025
 84, 6.904, 127.025	 4, 6.904, 127.025
 94, 6.904, 127.025	 0, 6.904, 127.025

 44, 6.904, 127.025	 44, 6.904, 127.025
 43, 13.553, 126.569	 45, 0.257, 127.705
 43, 20.154,	 45, 6.359, 307.848

126.100

■ 46, 12.919,
308.228

■ 42, 26.646,
125.639

■ 47, 19.407,
308.573

■ 42, 32.937,
125.216

■ 48, 25.810,
308.886

■ 41, 38.898,
124.876

■ 49, 32.118,
309.170

■ 41, 44.349,
124.689

■ 50, 38.327,
309.426

■ 40, 49.054,
124.746

■ 51, 44.433,
309.656

■ 40, 52.755,
125.155

■ 52, 50.434,
309.863

■ 40, 55.848,
125.612

Harmonies

Complementary

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



44, 6.904, 127.025



41, 7.012, 307.922

Rectangle

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



44, 6.904, 127.025



44, 6.904, 177.025



44, 6.904, 307.025



44, 6.904, 357.025

Sweetspot

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



44, 6.905, 127.029



57, 2.466, 127.371



43, 3.925, 68.639



29, 1.857, 127.336



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



44, 6.905, 127.029



56, 9.899, 126.941



44, 7.935, 142.579



22, 3.769, 127.094



44, 60.205, 125.804



87, 104.488, 126.756

Inverse Universe

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



41, 7.012, 307.922



52, 10.077, 308.014



42, 7.954, 323.583



20, 3.821, 307.854



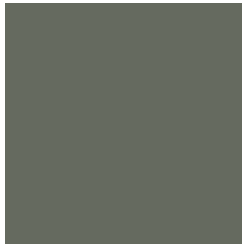
16, 70.672, 311.364



38, 122.411, 310.721

Previews

White Background



This preview shows how the CIELCh color 44, 6.904, 127.025 looks on a white background.

Color Contrast Check

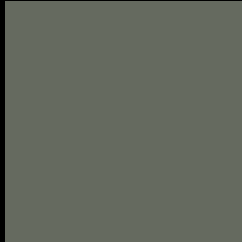
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.904, 127.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

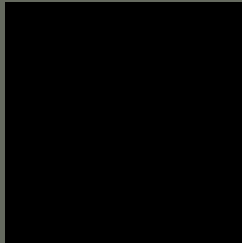
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 6.904, 127.025

Background



This preview shows how black text looks on a background with the CIELCh color 44, 6.904, 127.025.



This preview shows how white text looks on a background with the CIELCh color 44, 6.904, 127.025.

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, 6.904, 127.025

Protanopia

44, 6.198, 93.243

Deuteranopia

44, 7.725, 38.151



Tritanopia
44, 5.401, 290.957

Trichromacy



Original Color
44, 6.904, 127.025

Protanomaly
44, 6.553, 109.226

Deuteranomaly
44, 5.258, 62.545

Tritanomaly
44, 1.441, 256.017

Monochromacy



Original Color
44, 6.904, 127.025

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 2.538, 128.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 6.904, 127.025 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(101, 106, 95)` looks like.

```
.text, #text, p{  
    color:rgb(101, 106, 95)  
}
```

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(101, 106, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 106, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 6.904, 127.025 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(101, 106, 95) }
```

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

```
.border{ border-color:rgb(101, 106, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 106, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 106, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 106, 95);  
box-shadow:4px 4px 4px 4px rgb(101, 106,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 6.904, 127.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 106, 95) }
```

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

```
.background{ background-color: rgb(101,  
106, 95) }
```

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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