

Converting Colors

CIELCh(44, 9.197, 95.152)

Have a look what the booklet for
CIELCh(44, 9.197, 95.152) contains.

CIELCh(44, 9.197, 95.152)	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, 9.197, 95.152)

Conversions

Conversions Part 1

Format	Color
Hex	6D6859
RGB	109, 104, 89
RGB Percent	43%, 41%, 35%
CMY	0.5730, 0.5926, 0.6515
CMYK	0.00, 0.05, 0.18, 0.57
HSL	45°, 10%, 39%
HSV	45°, 18%, 43%
XYZ	13.0272, 13.8382, 11.4089
YIQ	103.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

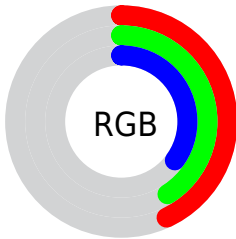
Format	Color
R_{YB}	96, 109, 89
Decimal	7170137
CIE Lab	44.00, -0.83, 9.16
CIE LCh	44, 9.197, 95.152
Yxy	13.8382, 0.3404, 0.3616
Android (android.graphics.Color)	4285360217 (0xFF6D6859)
YUV	103.7850, -7.2890, 4.5736
Hunter-Lab	37.1997, -2.5896, 7.8559

Details

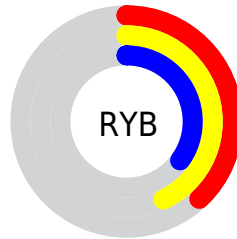
The CIELCh color **44, 9.197, 95.152** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 9.306, 279.542**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 9.190, 94.041**, and **24, 9.427, 96.005** is the 20% darker color. If you saturate the color by 10%, you get **43, 14.278, 93.989**, and if you desaturate by 10%, it is **45, 4.163, 96.286**.

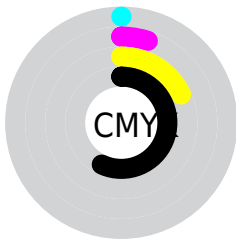
Distribution



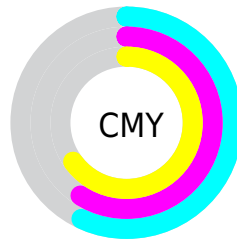
- Red (43%)
- Green (41%)
- Blue (35%)



- Red (38%)
- Yellow (43%)
- Blue (35%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (57%)



- Cyan (57%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 9.197, 95.152 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, 9.197, 95.152 by changing the saturation by 10% instead.


 44, 9.197, 95.152  44, 9.197, 95.152


 100, 9.197, 95.152  34, 9.197, 95.152

 64, 9.197, 95.152  24, 9.197, 95.152

 74, 9.197, 95.152  14, 9.197, 95.152

 84, 9.197, 95.152  4, 9.197, 95.152

 94, 9.197, 95.152  0, 9.197, 95.152

 44, 9.197, 95.152  44, 9.197, 95.152

 43, 14.278, 93.989  45, 4.163, 96.286

 42, 19.377, 92.786  46, 0.815, 277.566

 41, 24.448, 91.555  47, 5.731, 278.503

40, 29.406, 90.297

48, 10.582,
279.512

39, 34.108, 89.004

50, 15.371,
280.483

38, 38.320, 87.656

37, 41.702, 86.206

51, 20.100,
281.409

37, 44.459, 84.712

52, 24.771,
282.290

36, 44.971, 84.491

53, 29.387,
283.126

54, 33.952,
283.918

Harmonies

Complementary

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



44, 9.197, 95.152



40, 9.306, 279.542

Rectangle

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



44, 9.197, 95.152



44, 9.197, 145.152



44, 9.197, 275.152



44, 9.197, 325.152

Sweetspot

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



44, 9.198, 95.160



59, 3.723, 96.522



40, 9.088, 1.238



30, 2.453, 96.476



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, 9.198, 95.160



56, 13.795, 94.667



45, 12.036, 118.827



22, 2.760, 96.223



39, 47.389, 84.313



78, 81.176, 83.026

Inverse Universe

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



40, 9.306, 279.542



50, 13.995, 280.162



39, 12.468, 301.100



21, 2.780, 278.306



16, 59.765, 299.348



38, 108.757, 301.135

Previews

White Background



This preview shows how the CIELCh color 44, 9.197, 95.152 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, 9.197, 95.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

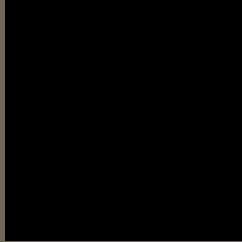
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 9.197, 95.152

Background



This preview shows how black text looks on a background with the CIELCh color 44, 9.197, 95.152.

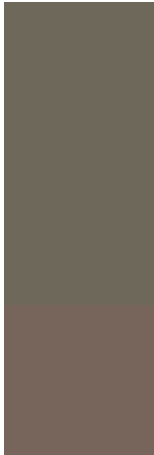


This preview shows how white text looks on a background with the CIELCh color 44, 9.197, 95.152.

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, 9.197, 95.152

Protanopia

44, 9.197, 95.152

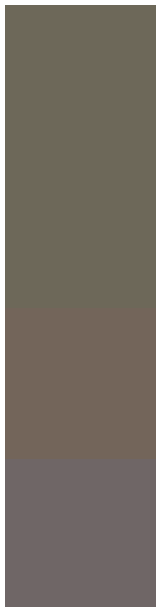
Deuteranopia

44, 10.344, 55.219



Tritanopia
44, 6.607, 333.792

Trichromacy



Original Color
44, 9.197, 95.152

Protanomaly
44, 9.197, 95.152

Deuteranomaly
44, 9.027, 66.314

Tritanomaly
44, 3.773, 19.790

Monochromacy



Original Color
44, 9.197, 95.152

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 3.091, 93.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 9.197, 95.152 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(109, 104, 89)` looks like.

```
.text, #text, p{  
    color:rgb(109, 104, 89)  
}
```

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(109, 104, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 104, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 9.197, 95.152 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(109, 104, 89) }
```

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

```
.border{ border-color:rgb(109, 104, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 104, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 104, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 104, 89);  
box-shadow:4px 4px 4px 4px rgb(109, 104,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 9.197, 95.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 104, 89) }
```

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

```
.background{ background-color: rgb(109,  
104, 89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor