

Converting Colors

CIELCh(44, 6.783, 94.237)

Have a look what the booklet for
CIELCh(44, 6.783, 94.237) contains.

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Color

CIELCh(44, 6.774, 94.507)

Conversions

Conversions Part 1

Format	Color
Hex	6C685D
RGB	108, 104, 93
RGB Percent	42%, 41%, 36%
CMY	0.5770, 0.5927, 0.6358
CMYK	0.00, 0.04, 0.14, 0.58
HSL	44°, 7%, 39%
HSV	44°, 14%, 42%
XYZ	13.0718, 13.8382, 12.3051
YIQ	103.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

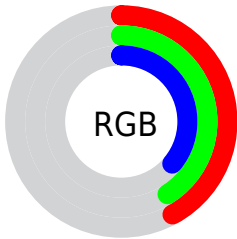
Format	Color
R_{YB}	98, 108, 93
Decimal	7104605
CIE Lab	44.00, -0.53, 6.75
CIE LCh	44, 6.774, 94.507
Yxy	13.8382, 0.3333, 0.3529
Android (android.graphics.Color)	4285294685 (0xFF6C685D)
YUV	103.9420, -5.3944, 3.5589
Hunter-Lab	37.1997, -2.3758, 6.4276

Details

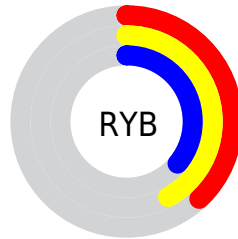
The CIELCh color **44, 6.774, 94.507** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 6.824, 277.818**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 6.838, 96.049**, and **24, 6.874, 92.290** is the 20% darker color. If you saturate the color by 10%, you get **43, 11.723, 93.351**, and if you desaturate by 10%, it is **45, 1.885, 95.608**.

Distribution



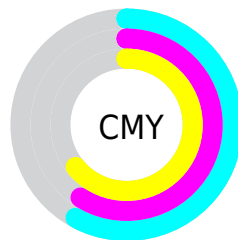
- Red (42%)
- Green (41%)
- Blue (36%)



- Red (38%)
- Yellow (42%)
- Blue (36%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (58%)



- Cyan (58%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 6.774, 94.507 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, 6.774, 94.507 by changing the saturation by 10% instead.

■ 44, 6.774, 94.507 ■ 44, 6.774, 94.507

■ 100, 6.774, 94.507 ■ 34, 6.774, 94.507

■ 64, 6.774, 94.507 ■ 24, 6.774, 94.507

■ 74, 6.774, 94.507 ■ 14, 6.774, 94.507

■ 84, 6.774, 94.507 ■ 4, 6.774, 94.507

■ 94, 6.774, 94.507 ■ 0, 6.774, 94.507

■ 44, 6.774, 94.507 ■ 44, 6.774, 94.507

■ 43, 11.723, 93.351 ■ 45, 1.885, 95.608

■ 42, 16.714, 92.146 ■ 46, 2.939, 276.815

■ 41, 21.713, 90.910 ■ 47, 7.695, 277.843

40, 26.660, 89.644

49, 12.385,
278.846

39, 31.444, 88.343

50, 17.010,
279.807

38, 35.884, 86.990

37, 39.693, 85.545

51, 21.574,
280.722

36, 42.588, 83.963

52, 26.081,
281.592

36, 44.446, 83.074

54, 30.533,
282.417

55, 34.934,
283.199

Harmonies

Complementary

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



44, 6.774, 94.507



41, 6.824, 277.818

Rectangle

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



44, 6.774, 94.507



44, 6.774, 144.507



44, 6.774, 274.507



44, 6.774, 324.507

Sweetspot

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



44, 6.775, 94.518



58, 2.397, 95.588



41, 6.810, 359.551



30, 1.718, 95.528



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, 6.775, 94.518



56, 10.301, 94.107



45, 9.029, 118.436



22, 2.712, 95.075



39, 47.148, 82.857



77, 80.797, 81.467

Inverse Universe

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



41, 6.824, 277.818



52, 10.390, 278.305



40, 9.277, 300.174



21, 2.729, 277.187



17, 58.417, 298.594



39, 106.448, 300.459

Previews

White Background



This preview shows how the CIELCh color 44, 6.774, 94.507 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, 6.774, 94.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

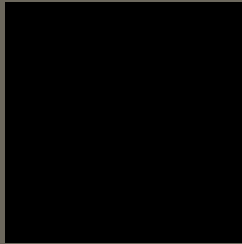
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 6.774, 94.507

Background



This preview shows how black text looks on a background with the CIELCh color 44, 6.774, 94.507.

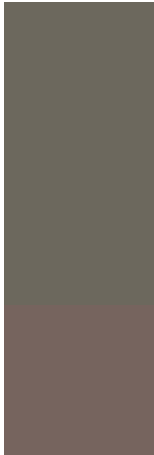


This preview shows how white text looks on a background with the CIELCh color 44, 6.774, 94.507.

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, 6.774, 94.507

Protanopia

44, 6.774, 94.507

Deuteranopia

44, 8.633, 44.627



Tritanopia
44, 6.075, 328.030

Trichromacy



Original Color
44, 6.774, 94.507

Protanomaly
44, 6.774, 94.507

Deuteranomaly
44, 7.021, 56.323

Tritanomaly
44, 2.982, 8.117

Monochromacy



Original Color
44, 6.774, 94.507

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 2.418, 99.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 6.774, 94.507 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(108, 104, 93)` looks like.

```
.text, #text, p{  
    color:rgb(108, 104, 93)  
}
```

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(108, 104, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 104, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 6.774, 94.507 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(108, 104, 93) }
```

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

```
.border{ border-color:rgb(108, 104, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 104, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 104, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 104, 93);  
box-shadow:4px 4px 4px 4px rgb(108, 104,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 6.774, 94.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 104, 93) }
```

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

```
.background{ background-color: rgb(108,  
104, 93) }
```

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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