

Converting Colors

CIELCh(44, 5.805, 91.685)

Have a look what the booklet for
CIELCh(44, 5.805, 91.685) contains.

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Color

CIELCh(44, 6.198, 93.243)

Conversions

Conversions Part 1

Format	Color
Hex	6C685E
RGB	108, 104, 94
RGB Percent	42%, 41%, 37%
CMY	0.5773, 0.5930, 0.6322
CMYK	0.00, 0.04, 0.13, 0.58
HSL	43°, 7%, 40%
HSV	43°, 13%, 42%
XYZ	13.0994, 13.8382, 12.5221
YIQ	104.0560, 5.5940, -2.2620

Conversions

Conversions Part 2

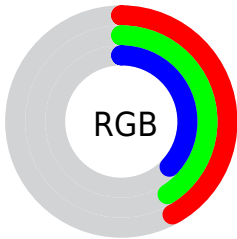
Format	Color
R_{YB}	100, 108, 94
Decimal	7104606
CIE Lab	44.00, -0.35, 6.19
CIE LCh	44, 6.198, 93.243
Yxy	13.8382, 0.3320, 0.3507
Android (android.graphics.Color)	4285294686 (0xFF6C685E)
YUV	104.0560, -4.9576, 3.4589
Hunter-Lab	37.1997, -2.2432, 6.0818

Details

The CIELCh color **44, 6.198, 93.243** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 6.228, 276.371**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 6.298, 94.970**, and **24, 6.242, 90.810** is the 20% darker color. If you saturate the color by 10%, you get **43, 11.057, 92.077**, and if you desaturate by 10%, it is **45, 1.409, 94.331**.

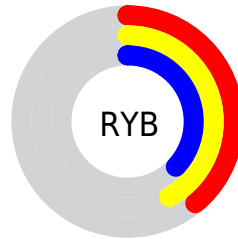
Distribution



Red (42%)

Green (41%)

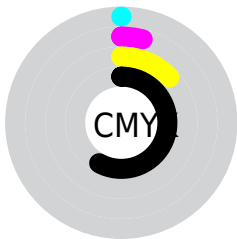
Blue (37%)



Red (39%)

Yellow (42%)

Blue (37%)

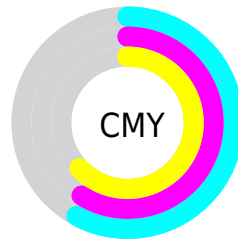


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (58%)



Cyan (58%)












Magenta (59%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 6.198, 93.243 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, 6.198, 93.243 by changing the saturation by 10% instead.

 44, 6.198, 93.243	 44, 6.198, 93.243
 100, 6.198, 93.243	 34, 6.198, 93.243
 64, 6.198, 93.243	 24, 6.198, 93.243
 74, 6.198, 93.243	 14, 6.198, 93.243
 84, 6.198, 93.243	 4, 6.198, 93.243
 94, 6.198, 93.243	 0, 6.198, 93.243

 44, 6.198, 93.243	 44, 6.198, 93.243
 43, 11.057, 92.077	 45, 1.409, 94.331
 42, 15.970, 90.858	 46, 3.307, 275.574
 41, 20.909, 89.606	 48, 7.951, 276.614

40, 25.820, 88.320

49, 12.523,
277.626

39, 30.604, 86.996

50, 17.028,
278.594

38, 35.091, 85.613

37, 39.007, 84.129

51, 21.469,
279.517

36, 42.025, 82.478

53, 25.851,
280.394

35, 44.206, 81.408

54, 30.178,
281.225

55, 34.452,
282.013

Harmonies

Complementary

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



44, 6.198, 93.243



41, 6.228, 276.371

Rectangle

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



44, 6.198, 93.243



44, 6.198, 143.243



44, 6.198, 273.243



44, 6.198, 323.243

Sweetspot

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



44, 6.199, 93.255



58, 2.349, 94.230



41, 6.443, 357.100



30, 1.684, 94.169



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, 6.199, 93.255



56, 9.507, 92.853



45, 8.395, 117.165



22, 2.659, 93.713



38, 46.916, 81.171



76, 80.451, 79.666

Inverse Universe

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



41, 6.228, 276.371



52, 9.557, 276.842



41, 8.618, 298.884



21, 2.672, 275.855



17, 56.848, 297.675



39, 103.725, 299.626

Previews

White Background



This preview shows how the CIELCh color 44, 6.198, 93.243 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, 6.198, 93.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

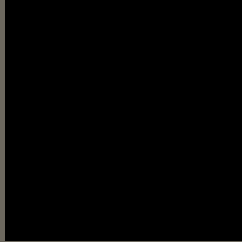
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 6.198, 93.243

Background



This preview shows how black text looks on a background with the CIELCh color 44, 6.198, 93.243.



This preview shows how white text looks on a background with the CIELCh color 44, 6.198, 93.243.

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

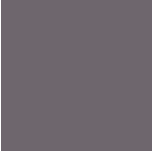
44, 6.198, 93.243

Protanopia

44, 6.198, 93.243

Deuteranopia

44, 8.633, 44.627



Tritanopia
44, 5.345, 328.411

Trichromacy



Original Color
44, 6.198, 93.243

Protanomaly
44, 6.198, 93.243

Deuteranomaly
44, 7.021, 56.323

Tritanomaly
44, 2.499, 19.580

Monochromacy



Original Color
44, 6.198, 93.243

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, 6.198, 93.243 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, 94)` looks like.

```
.text, #text, p{  
    color:rgb(108, 104, 94)  
}
```

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, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 104, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 6.198, 93.243 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, 94) }
```

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

```
.border{ border-color:rgb(108, 104, 94) }
```

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, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 104, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 104, 94);  
box-shadow:4px 4px 4px 4px rgb(108, 104,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 6.198, 93.243 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, 94) }
```

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

```
.background{ background-color: rgb(108,  
104, 94) }
```

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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