

Converting Colors

CIELCh(44, 12.139, 20.897)

Have a look what the booklet for
CIELCh(44, 12.139, 20.897) contains.

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Color

CIELCh(44, 12.132, 20.974)

Conversions

Conversions Part 1

Format	Color
Hex	7D6161
RGB	125, 97, 97
RGB Percent	49%, 38%, 38%
CMY	0.5088, 0.6187, 0.6187
CMYK	0.00, 0.22, 0.22, 0.51
HSL	0°, 13%, 44%
HSV	0°, 22%, 49%
XYZ	14.9580, 13.8382, 13.2485
YIQ	105.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

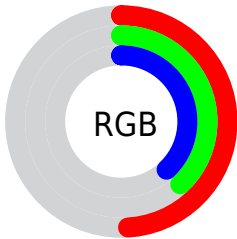
Format	Color
R_{YB}	125, 97, 97
Decimal	8216929
CIE Lab	44.00, 11.33, 4.34
CIE LCh	44, 12.132, 20.974
Yxy	13.8382, 0.3558, 0.3291
Android (android.graphics.Color)	4286407009 (0xFF7D6161)
YUV	105.3720, -4.1274, 17.2138
Hunter-Lab	37.1997, 6.6751, 4.9240

Details

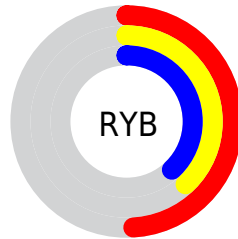
The CIELCh color $44, 12.132, 20.974$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $50, 10.528, 198.336$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 11.958, 20.526$, and $24, 12.162, 18.849$ is the 20% darker color. If you saturate the color by 10%, you get $40, 18.204, 22.046$, and if you desaturate by 10%, it is $48, 6.460, 20.133$.

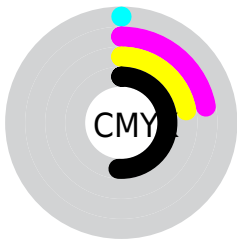
Distribution



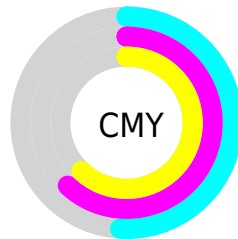
- Red (49%)
- Green (38%)
- Blue (38%)



- Red (49%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 12.132, 20.974 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, 12.132, 20.974 by changing the saturation by 10% instead.

■ 44, 12.132, 20.974

■ 44, 12.132, 20.974

■ 100, 12.132,
20.974

■ 34, 12.132, 20.974

■ 64, 12.132, 20.974

■ 24, 12.132, 20.974

■ 74, 12.132, 20.974

■ 14, 12.132, 20.974

■ 84, 12.132, 20.974

■ 4, 12.132, 20.974

■ 94, 12.132, 20.974

■ 0, 12.132, 20.974

■ 44, 12.132, 20.974

■ 44, 12.132, 20.974

■ 40, 18.204, 22.046

■ 48, 6.460, 20.133

■ 37, 24.644, 23.418

■ 52, 1.191, 19.224

34, 31.369, 25.189

55, 3.695, 199.152

31, 38.236, 27.458

59, 8.231, 198.689

29, 45.045, 30.286

63, 12.451,
198.347

27, 51.514, 33.597

67, 16.391,
198.075

26, 56.915, 36.666

25, 60.193, 38.197

71, 20.084,
197.853

75, 23.561,
197.669

79, 26.848,
197.517

Harmonies

Complementary

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



44, 12.132, 20.974



50, 10.528, 198.336

Rectangle

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



44, 12.132, 20.974



44, 12.132, 70.974



44, 12.132, 200.974



44, 12.132, 250.974

Sweetspot

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



44, 12.131, 20.981



64, 4.452, 19.735



45, 20.043, 325.605



33, 2.882, 19.768



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 12.131, 20.981



54, 18.539, 21.511



48, 10.258, 72.758



25, 2.951, 19.885



25, 61.099, 38.349



0, 0.000, 0.000

Inverse Universe

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



50, 10.528, 198.336



64, 15.505, 198.095



46, 9.690, 258.545



26, 2.793, 199.027



48, 29.973, 196.405



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 12.132, 20.974 looks on a white background.

Color Contrast Check

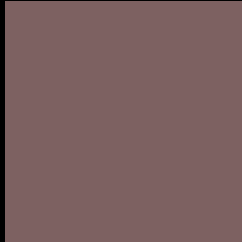
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.132, 20.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

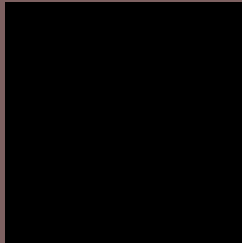
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 12.132, 20.974

Background



This preview shows how black text looks on a background with the CIELCh color 44, 12.132, 20.974.



This preview shows how white text looks on a background with the CIELCh color 44, 12.132, 20.974.

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, 12.132, 20.974

Protanopia

44, 2.174, 74.674

Deuteranopia

44, 7.291, 39.174



Tritanopia
44, 13.520, 0.700

Trichromacy



Original Color
44, 12.132, 20.974

Protanomaly
44, 5.224, 33.109

Deuteranomaly
44, 8.826, 32.048

Tritanomaly
44, 13.236, 5.617

Monochromacy



Original Color
44, 12.132, 20.974

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 4.191, 19.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 12.132, 20.974 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(125, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(125, 97, 97)  
}
```

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(125, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 97, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 12.132, 20.974 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(125, 97, 97) }
```

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

```
.border{ border-color:rgb(125, 97, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 97, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(125, 97,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 12.132, 20.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 97, 97) }
```

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

```
.background{ background-color: rgb(125, 97,  
97) }
```

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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