

Converting Colors

CIELCh(61, 24.163, 93.998)

Have a look what the booklet for
CIELCh(61, 24.163, 93.998) contains.

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Color

CIELCh(61, 24.077, 94.048)

Conversions

Conversions Part 1

Format	Color
Hex	A09369
RGB	160, 147, 105
RGB Percent	63%, 58%, 41%
CMY	0.3736, 0.4245, 0.5892
CMYK	0.00, 0.08, 0.34, 0.37
HSL	46°, 22%, 52%
HSV	46°, 34%, 63%
XYZ	27.3746, 29.2481, 17.5008
YIQ	146.0990, 21.2300, -10.3060

Conversions

Conversions Part 2

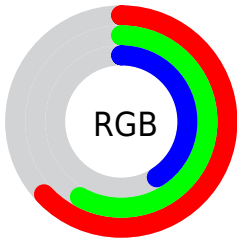
Format	Color
R_{YB}	122, 160, 105
Decimal	10523497
CIE _{Lab}	61.00, -1.70, 24.02
CIE _{LCh}	61, 24.077, 94.048
Yxy	29.2481, 0.3693, 0.3946
Android (android.graphics.Color)	4288713577 (0xFFA09369)
YUV	146.0990, -20.2618, 12.1912
Hunter-Lab	54.0815, -4.2910, 18.6708

Details

The CIELCh color $61, 24.077, 94.048$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $50, 24.798, 283.193$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 23.869, 94.547$, and $41, 24.300, 95.178$ is the 20% darker color. If you saturate the color by 10%, you get $60, 31.096, 92.800$, and if you desaturate by 10%, it is $62, 17.026, 95.278$.

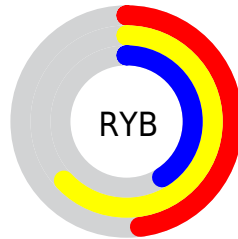
Distribution



Red (63%)

Green (58%)

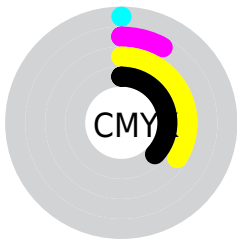
Blue (41%)



Red (48%)

Yellow (63%)

Blue (41%)

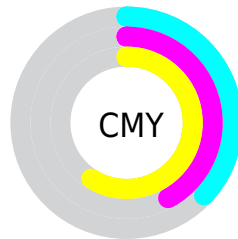


Cyan (0%)

Magenta (8%)

Yellow (34%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 24.077, 94.048 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 61, 24.077, 94.048 by changing the saturation by 10% instead.

■ 61, 24.077, 94.048

■ 61, 24.077, 94.048

■ 100, 24.077,
94.048

■ 51, 24.077, 94.048

■ 81, 24.077, 94.048

■ 41, 24.077, 94.048

■ 91, 24.077, 94.048

■ 31, 24.077, 94.048

■ 21, 24.077, 94.048

■ 11, 24.077, 94.048

■ 1, 24.077, 94.048

■ 0, 24.077, 94.048

■ 61, 24.077, 94.048

■ 61, 24.077, 94.048

■ 60, 31.096, 92.800

■ 62, 17.026, 95.278

58, 37.969, 91.521

64, 10.004, 96.467

57, 44.500, 90.213

65, 3.044, 97.592

56, 50.366, 88.860

67, 3.839, 278.798

55, 55.088, 87.419

68, 10.636,
279.846

54, 58.114, 85.816

70, 17.348,
280.866

53, 59.421, 84.897

71, 23.976,
281.841

73, 30.523,
282.768

74, 36.993,
283.647

Harmonies

Complementary

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



61, 24.077, 94.048



50, 24.798, 283.193

Rectangle

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



61, 24.077, 94.048



61, 24.077, 144.048



61, 24.077, 274.048



61, 24.077, 324.048

Sweetspot

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



61, 24.078, 94.053



81, 8.531, 96.956



50, 24.050, 3.435



43, 5.872, 96.805



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 24.078, 94.053



76, 35.391, 93.135



63, 30.629, 117.790



33, 3.878, 97.064



48, 54.785, 85.096



3, 4.880, 95.811

Inverse Universe

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



50, 24.798, 283.193



60, 36.796, 284.655



48, 32.955, 302.507



31, 3.911, 279.271



20, 71.467, 300.535



1, 5.133, 278.922

Previews

White Background



This preview shows how the CIELCh color 61, 24.077, 94.048 looks on a white 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

Black Background



This preview shows how the CIELCh color 61, 24.077, 94.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

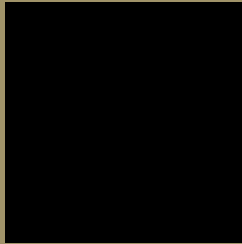
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 24.077, 94.048

Background



This preview shows how black text looks on a background with the CIELCh color 61, 24.077, 94.048.



This preview shows how white text looks on a background with the CIELCh color 61, 24.077, 94.048.

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

61, 24.077, 94.048

Protanopia

61, 23.974, 95.055

Deuteranopia

61, 24.847, 71.304



Tritanopia
61, 11.221, 347.199

Trichromacy



Original Color
61, 24.077, 94.048

Protanomaly
61, 23.974, 95.055

Deuteranomaly
61, 23.737, 79.405

Tritanomaly
61, 9.292, 48.790

Monochromacy



Original Color
61, 24.077, 94.048

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.648, 95.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 24.077, 94.048 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(160, 147, 105)` looks like.

```
.text, #text, p{  
    color:rgb(160, 147, 105)  
}
```

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(160, 147, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 147, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 24.077, 94.048 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(160, 147, 105) }
```

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

```
.border{ border-color:rgb(160, 147, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 147, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 147, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 147, 105); box-shadow:4px 4px 4px 4px rgb(160, 147, 105) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 24.077, 94.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 147, 105) }
```

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

```
.background{ background-color: rgb(160,  
147, 105) }
```

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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