

Converting Colors

CIELCh(71, 32.174, 59.170)

Have a look what the booklet for
CIELCh(71, 32.174, 59.170) contains.

CIELCh(71, 32.462, 59.625)	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(71, 32.462, 59.625)

Conversions

Conversions Part 1

Format	Color
Hex	DBA27C
RGB	219, 162, 124
RGB Percent	86%, 64%, 49%
CMY	0.1425, 0.3659, 0.5149
CMYK	0.00, 0.26, 0.43, 0.14
HSL	24°, 57%, 67%
HSV	24°, 43%, 86%
XYZ	45.5974, 42.1875, 24.7107
YIQ	174.7110, 46.1700, 0.2660

Conversions

Conversions Part 2

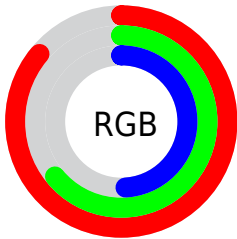
Format	Color
RYB	219, 187, 124
Decimal	14393980
CIELab	71.00, 16.41, 28.01
CIELCh	71, 32.462, 59.625
Yxy	42.1875, 0.4053, 0.3750
Android (android.graphics.Color)	4292584060 (0xFFDBA27C)
YUV	174.7110, -25.0005, 38.8415
Hunter-Lab	64.9519, 11.6442, 22.9097

Details

The CIELCh color $71, 32.462, 59.625$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $71, 26.374, 250.879$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 25.768, 72.899$, and $51, 32.374, 59.040$ is the 20% darker color. If you saturate the color by 10%, you get $68, 41.223, 58.746$, and if you desaturate by 10%, it is $75, 24.184, 60.555$.

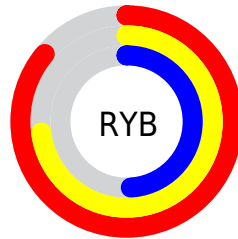
Distribution



Red (86%)

Green (64%)

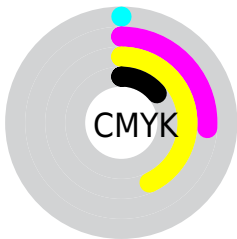
Blue (49%)



Red (86%)

Yellow (73%)

Blue (49%)

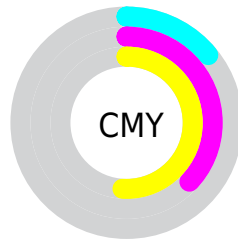


Cyan (0%)

Magenta (26%)

Yellow (43%)

Black (14%)



Cyan (14%)

Magenta (37%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 32.462, 59.625 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 71, 32.462, 59.625 by changing the saturation by 10% instead.

 71, 32.462, 59.625

 71, 32.462, 59.625

 100, 32.462,
59.625

 61, 32.462, 59.625

 91, 32.462, 59.625

 51, 32.462, 59.625

 41, 32.462, 59.625

 31, 32.462, 59.625

 21, 32.462, 59.625

 11, 32.462, 59.625

 1, 32.462, 59.625

 0, 32.462, 59.625

 71, 32.462, 59.625

 71, 32.462, 59.625

68, 41.223, 58.746

75, 24.184, 60.555

64, 50.379, 57.884

78, 16.407, 61.516

61, 59.684, 56.976

82, 9.108, 62.492

58, 68.590, 55.846

86, 2.250, 63.348

56, 76.052, 54.130

90, 4.211, 244.691

54, 79.976, 52.708

94, 10.319,
245.636

97, 11.742,
202.431

98, 12.235,
198.689

Harmonies

Complementary

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



71, 32.462, 59.625



71, 26.374, 250.879

Rectangle

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



71, 32.462, 59.625



71, 32.462, 109.625



71, 32.462, 239.625



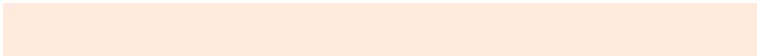
71, 32.462, 289.625

Sweetspot

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



71, 32.461, 59.630



94, 9.980, 62.522



64, 46.285, 342.478



49, 7.033, 62.306



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 32.461, 59.630



78, 45.315, 58.831



83, 44.267, 101.163



44, 3.812, 62.873



43, 66.925, 53.327



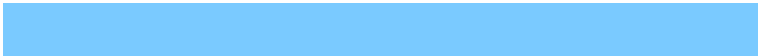
9, 18.704, 48.554

Inverse Universe

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



71, 26.374, 250.879



78, 35.013, 253.232



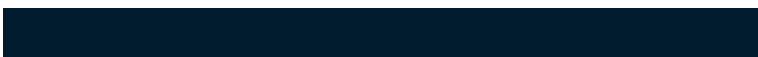
58, 48.496, 292.231



44, 3.672, 245.034



43, 43.970, 272.104



9, 15.484, 261.451

Previews

White Background



This preview shows how the CIELCh color 71, 32.462, 59.625 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 32.462, 59.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

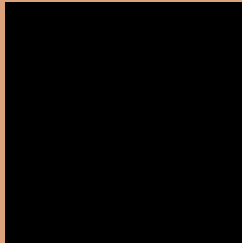
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 32.462, 59.625

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.462, 59.625.




This preview shows how white text looks on a background with the CIELCh color 71, 32.462, 59.625.

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





Tritanopia
71, 26.938, 8.193

Trichromacy



Original Color
71, 32.462, 59.625

Protanomaly
71, 26.464, 80.411

Deuteranomaly
71, 30.484, 67.889

Tritanomaly
71, 25.864, 28.833

Monochromacy



Original Color
71, 32.462, 59.625

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.009, 63.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.462, 59.625 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(219, 162, 124)` looks like.

```
.text, #text, p{  
    color:rgb(219, 162, 124)  
}
```

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(219, 162, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 162, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.462, 59.625 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(219, 162, 124) }
```

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

```
.border{ border-color:rgb(219, 162, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 162, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 162, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 162, 124);  
box-shadow:4px 4px 4px 4px rgb(219, 162,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.462, 59.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 162, 124) }
```

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

```
.background{ background-color: rgb(219,  
162, 124) }
```

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