

Converting Colors

CIELCh(71, 6.356, 31.248)

Have a look what the booklet for
CIELCh(71, 6.356, 31.248) contains.

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Color

CIELCh(71, 6.244, 29.860)

Conversions

Conversions Part 1

Format	Color
Hex	BAAAA8
RGB	186, 170, 168
RGB Percent	73%, 67%, 66%
CMY	0.2693, 0.3321, 0.3399
CMYK	0.00, 0.09, 0.10, 0.27
HSL	7°, 12%, 70%
HSV	7°, 10%, 73%
XYZ	41.8602, 42.1875, 43.1378
YIQ	174.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

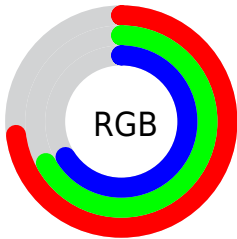
Format	Color
R_{YB}	186, 170, 168
Decimal	12233384
CIE Lab	71.00, 5.42, 3.11
CIE LCh	71, 6.244, 29.860
Yxy	42.1875, 0.3291, 0.3317
Android (android.graphics.Color)	4290423464 (0xFFBAAA8)
YUV	174.5560, -3.2321, 10.0364
Hunter-Lab	64.9519, 1.3739, 6.0889

Details

The CIELCh color $71, 6.244, 29.860$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 5.868, 209.725$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 6.261, 29.220$, and $51, 6.310, 30.598$ is the 20% darker color. If you saturate the color by 10%, you get $66, 13.237, 30.266$, and if you desaturate by 10%, it is $76, 0.210, 212.270$.

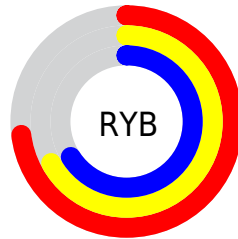
Distribution



Red (73%)

Green (67%)

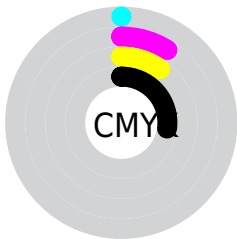
Blue (66%)



Red (73%)

Yellow (67%)

Blue (66%)

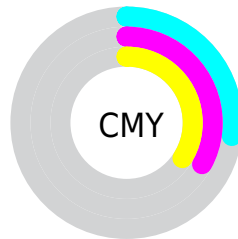


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.244, 29.860 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, 6.244, 29.860 by changing the saturation by 10% instead.

 71, 6.244, 29.860

 71, 6.244, 29.860

 100, 6.244, 29.860

 61, 6.244, 29.860

 91, 6.244, 29.860

 51, 6.244, 29.860

 41, 6.244, 29.860

 31, 6.244, 29.860

 21, 6.244, 29.860

 11, 6.244, 29.860

 1, 6.244, 29.860

 0, 6.244, 29.860

 71, 6.244, 29.860

 71, 6.244, 29.860

66, 13.237, 30.266

76, 0.210, 212.270

62, 20.808, 30.798

81, 6.166, 209.729

57, 28.964, 31.550

86, 11.679,
209.654

53, 37.674, 32.587

90, 16.798,
209.662

49, 46.840, 33.966

46, 56.271, 35.714

95, 21.553,
200.684

43, 65.600, 37.751

96, 22.175,
198.051

41, 74.057, 39.723

40, 80.629, 41.282

Harmonies

Complementary

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



71, 6.244, 29.860



74, 5.868, 209.725

Rectangle

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



71, 6.244, 29.860



71, 6.244, 79.860



71, 6.244, 209.860



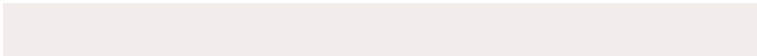
71, 6.244, 259.860

Sweetspot

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



71, 6.243, 29.878



94, 2.335, 29.537



71, 11.140, 327.800



50, 1.790, 29.611



98, 0.011, 296.813



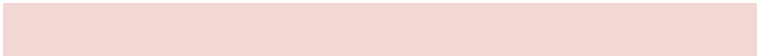
51, 0.007, 296.813

Same Dimension

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



71, 6.243, 29.878



88, 9.695, 29.969



73, 6.446, 84.166



37, 3.695, 29.867



33, 71.175, 41.373



3, 11.372, 26.340

Inverse Universe

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



74, 5.868, 209.725



93, 8.957, 209.690



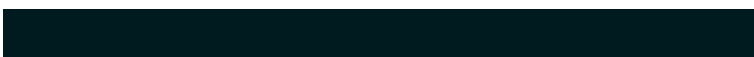
71, 6.394, 266.741



39, 3.480, 209.731



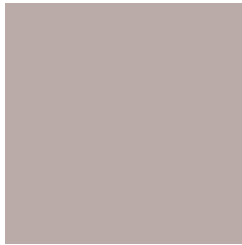
53, 31.006, 216.221



8, 10.105, 212.912

Previews

White Background



This preview shows how the CIELCh color 71, 6.244, 29.860 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 CIELCh color 71, 6.244, 29.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

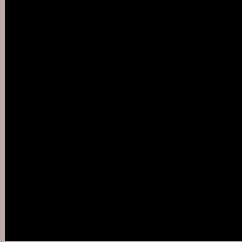
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

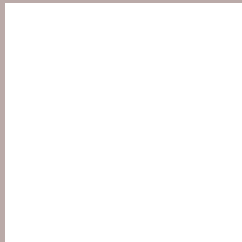
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.244, 29.860

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.244, 29.860.



This preview shows how white text looks on a background with the CIELCh color 71, 6.244, 29.860.

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


71, 6.244, 29.860

Protanopia

71, 2.489, 60.263

Deuteranopia

71, 9.273, 16.824



Tritanopia
71, 10.356, 337.108

Trichromacy



Original Color
71, 6.244, 29.860

Protanomaly
71, 3.793, 45.005

Deuteranomaly
71, 8.087, 20.052

Tritanomaly
71, 7.828, 350.923

Monochromacy



Original Color
71, 6.244, 29.860

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.267, 19.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.244, 29.860 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(186, 170, 168)` looks like.

```
.text, #text, p{  
    color:rgb(186, 170, 168)  
}
```

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(186, 170, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 170, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.244, 29.860 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(186, 170, 168) }
```

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

```
.border{ border-color:rgb(186, 170, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 170, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 170, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 170, 168); box-shadow:4px 4px 4px 4px rgb(186, 170, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.244, 29.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 170, 168) }
```

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

```
.background{ background-color: rgb(186,  
170, 168) }
```

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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