

Converting Colors

CIELCh(73, 20.217, 63.836)

Have a look what the booklet for
CIELCh(73, 20.217, 63.836) contains.

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Color

CIELCh(73, 20.190, 63.850)

Conversions

Conversions Part 1

Format	Color
Hex	D0AD93
RGB	208, 173, 147
RGB Percent	82%, 68%, 58%
CMY	0.1861, 0.3232, 0.4251
CMYK	0.00, 0.17, 0.29, 0.19
HSL	26°, 39%, 69%
HSV	26°, 29%, 81%
XYZ	45.9844, 45.1644, 33.7290
YIQ	180.5010, 29.2060, -0.6660

Conversions

Conversions Part 2

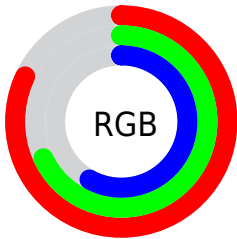
Format	Color
R _Y B	208, 192, 147
Decimal	13675923
CIE Lab	73.00, 8.90, 18.12
CIE LCh	73, 20.190, 63.850
Yxy	45.1644, 0.3682, 0.3617
Android (android.graphics.Color)	4291866003 (0xFFD0AD93)
YUV	180.5010, -16.5160, 24.1166
Hunter-Lab	67.2044, 4.5301, 17.2863

Details

The CIELCh color **73, 20.190, 63.850** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72, 17.925, 251.284**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 17.332, 72.763**, and **53, 20.455, 64.434** is the 20% darker color. If you saturate the color by 10%, you get **70, 27.898, 62.814**, and if you desaturate by 10%, it is **76, 12.922, 64.917**.

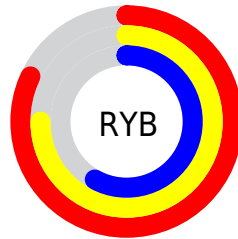
Distribution



Red (82%)

Green (68%)

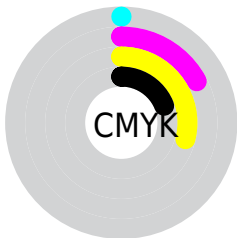
Blue (58%)



Red (82%)

Yellow (75%)

Blue (58%)

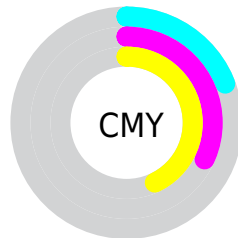


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (19%)



Cyan (19%)


Magenta (32%)


Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 20.190, 63.850 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 73, 20.190, 63.850 by changing the saturation by 10% instead.

 73, 20.190, 63.850

 73, 20.190, 63.850

 100, 20.190,
63.850

 63, 20.190, 63.850

 93, 20.190, 63.850

 53, 20.190, 63.850

 43, 20.190, 63.850


 33, 20.190, 63.850

 23, 20.190, 63.850

 13, 20.190, 63.850

 3, 20.190, 63.850

 0, 20.190, 63.850

 73, 20.190, 63.850

 73, 20.190, 63.850

70, 27.898, 62.814

76, 12.922, 64.917

66, 36.045, 61.795

80, 6.069, 65.962

63, 44.573, 60.790

84, 0.402, 248.205

60, 53.316, 59.756

87, 6.531, 248.259

57, 61.887, 58.573

91, 12.358,
249.283

55, 69.511, 56.979

94, 13.210,
224.191

52, 75.377, 54.748

52, 75.745, 54.626

97, 15.766,
198.457

Harmonies

Complementary

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



73, 20.190, 63.850



72, 17.925, 251.284

Rectangle

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



73, 20.190, 63.850



73, 20.190, 113.850



73, 20.190, 243.850



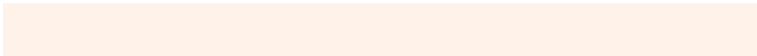
73, 20.190, 293.850

Sweetspot

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



73, 20.190, 63.858



96, 6.882, 65.989



68, 29.898, 341.873



51, 4.803, 65.840



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 20.190, 63.858



86, 28.959, 63.224



81, 29.407, 103.533



42, 3.697, 65.958



43, 64.521, 55.221



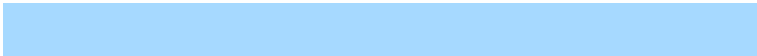
8, 15.904, 49.658

Inverse Universe

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



72, 17.925, 251.284



84, 24.997, 252.477



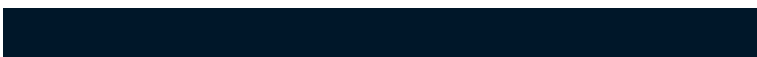
64, 31.169, 290.390



42, 3.577, 248.229



40, 45.267, 275.459



7, 14.651, 263.992

Previews

White Background



This preview shows how the CIELCh color 73, 20.190, 63.850 looks on a white background.

Color Contrast Check

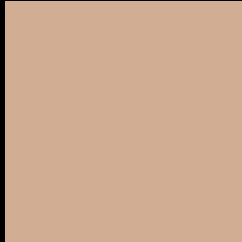
Large Text (above 18pt) WCAG AA × Fail

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 73, 20.190, 63.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

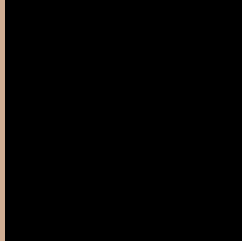
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 20.190, 63.850

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.190, 63.850.



This preview shows how white text looks on a background with the CIELCh color 73, 20.190, 63.850.

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


73, 20.190, 63.850

Protanopia

73, 16.152, 94.321

Deuteranopia

73, 20.126, 62.037



Tritanopia
73, 17.800, 357.865

Trichromacy



Original Color
73, 20.190, 63.850

Protanomaly
73, 16.989, 81.927

Deuteranomaly
73, 20.126, 62.037

Tritanomaly
73, 15.719, 24.641

Monochromacy



Original Color
73, 20.190, 63.850

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.982, 63.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.190, 63.850 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(208, 173, 147)` looks like.

```
.text, #text, p{  
    color:rgb(208, 173, 147)  
}
```

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(208, 173, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 173, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.190, 63.850 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(208, 173, 147) }
```

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

```
.border{ border-color:rgb(208, 173, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 173, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 173, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 173, 147);  
box-shadow:4px 4px 4px 4px rgb(208, 173,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.190, 63.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 173, 147) }
```

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

```
.background{ background-color: rgb(208,  
173, 147) }
```

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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