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What color mushrooms should you avoid eating?

Mushrooms with white veil-color were considered of type poisonous. So those should avoid being eaten. The following rule lead to this:

class=p 3916 ==> gill-attachment=f gill-spacing=c veil-color=w 3786 conf:(0.97)

Also, there appear to be a good number of red capped mushrooms that are poisonous as well.

241. cap-color=e class=p 876 ==> gill-color=b 864 conf:(0.99)

242. cap-color=e veil-color=w class=p 876 ==> gill-color=b 864

What are the properties or characteristics of edible mushrooms?

Some characteristics of edible mushrooms are smooth stalk-surface-below-ring and above-ring. They tend to have free, broad gills, with a white partial veil and no odor. Some of the information that lead me to this belief is the following:

class=e 4208 ==> gill-attachment=f 4016 conf:(0.95)

class=e 4208 ==> veil-color=w 4016 conf:(0.95)

gill-attachment=f class=e 4016 ==> veil-type=p 4016

veil-color=w class=e 4016 ==> gill-attachment=f veil-type=p 4016

ring-number=o class=e 3680 ==> veil-type=p 3680 conf:(1)

stalk-surface-below-ring=s class=e 3400 ==> veil-type=p 3400

odor=n 3528 ==> class=e 3408 conf:(0.97)

Are there any interesting observations that relate the odor, color, and/or habitat of a mushroom?

A good number of foul smelling mushrooms have a chocolate spore print color, with a white veil. Neutral smelling mushrooms seemed to come from grassy or woods habitats and have a veil that is generally white.

odor=n habitat=d 1816 ==> veil-color=w 1816 conf:(1)

odor=f spore-print-color=h 1584 ==> veil-color=w 1584 conf:(1)